State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

#### Filing at a Glance

Company: Highmark Inc
Product Name: Long-Term Care
State: Pennsylvania

TOI: LTC03I Individual Long Term Care

Sub-TOI: LTC03I.001 Qualified

Filing Type: Rate - Other (Not M.U. or G.I. Product)

Date Submitted: 03/09/2017

SERFF Tr Num: MILL-130951723

SERFF Status: Assigned

State Tr Num: MILL-130951723

State Status: Received Review in Progress
Co Tr Num: SIMPLICITY (HIGHMARK BS)

Implementation On Approval

Date Requested:

Author(s): Missy Gordon, Stephanie Moench, Travis Reisch, Shawn Stender, Bryan Rask, Alex Moore,

Brandon Johnson, Jack Bridges, Jenna Roska

Reviewer(s): Jim Laverty (primary)

Disposition Date:
Disposition Status:
Implementation Date:

State Filing Description:

Proposed 82.8% increase on 457 PA policyholders of LTC forms SPL-336-HMBSPA and FSPL-336-HMBSPA.

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

#### **General Information**

Project Name: MedAmerica Nationwide 2017 Rate Increase Status of Filing in Domicile: Pending

Project Number: 145MAI01-60.06 Date Approved in Domicile:

Requested Filing Mode: Review & Approval Domicile Status Comments: Pennsylvania is the state of

domicile.

Explanation for Combination/Other: Market Type: Individual Submission Type: New Submission Individual Market Type:

Overall Rate Impact: 82.8% Filing Status Changed: 03/10/2017

State Status Changed: 03/10/2017

Deemer Date: Created By: Brandon Johnson

Submitted By: Travis Reisch Corresponding Filing Tracking Number:

State TOI: LTC03I Individual Long Term Care

#### Filing Description:

On behalf of Highmark BS, we are submitting the referenced rate filing for your review. These are existing individual policy forms that provide long-term care coverage. The company issued these forms in Pennsylvania from August 1, 2006 to May 1, 2010. The forms are no longer being marketed in any jurisdiction. The company's affinity partners, MedAmerica Insurance Company (MedAmerica) and Highmark Blue Cross Blue Shield, are making similar requests on their Simplicity forms in concurrent filings (SERFF Tracking # MILL-130946990 and SERFF Tracking # MILL-130951721).

The company is requesting a premium rate increase be filed for use on these forms, including all associated riders. These forms are in need of a premium rate increase due to emerging and projected experience running more adverse than previously expected.

The company is requesting a premium rate increase that varies by issue age and inflation option as shown in Exhibit I of the enclosed actuarial memorandum. The cumulative rate increase shown in Exhibit I was determined to allow certification to rate stability, where applicable, and varies by issue age and inflation option to better align the rate increase with the adverse experience.

There have been four prior increases that the Department filed for use in June 2013, September 2014, July 2015, and September 2016. The company is seeking this current rate increase request to achieve what it believes is needed to alleviate the poor performance on this block of business.

Similar to the prior increases, the company will offer insureds affected by the premium increase the option of reducing their policy benefits to provide flexibility of choice for those insureds who wish to maintain a premium level reasonably similar to what they were paying prior to the rate increase. Policyholders who prefer to offset the impact of the requested rate increase may have the option to change one or more of the following plan features to lower their premiums (subject to the minimum benefit options available on the form): (i) reduce their monthly benefit; (ii) shorten their benefit period; (iii) lengthen their elimination period; (iv) reduce their inflation protection (e.g., compound inflation to simple or no inflation); or (v) drop rider coverage. Additionally, where available, tailored benefit reductions (a.k.a., "landing spots") will be offered on policies with lifetime inflation protection in addition to standard rate increase mitigation options. Enclosed with this submission is a letter describing these tailored benefit reduction options, which includes detail regarding the development and justification for the options.

The company will offer a contingent benefit upon lapse to insureds that trigger a substantial rate increase. Additionally, the company will voluntarily offer a contingent benefit upon lapse to insureds affected by the rate increase, even if the increase is

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

not considered substantial. If the cumulative requested rate increase is filed for use, a majority of policyholders will be eligible for a contingent benefit upon lapse.

To comply with rate stability regulation in this jurisdiction, enclosed with this filing is a plan, subject to the Department's approval, which demonstrates that appropriate administration and claims processing procedures are in effect.

#### **Company and Contact**

#### **Filing Contact Information**

Shawn Stender, Assistant Actuary shawn.stender@milliman.com

Milliman, Inc. 952-820-3104 [Phone]

8500 Normandale Lake Blvd.

**Suite 1850** 

Minneapolis, MN 55437

#### **Filing Company Information**

(This filing was made by a third party - millimaninc)

Highmark IncCoCode: 54771State of Domicile:120 Fifth AvenueGroup Code: 812PennsylvaniaSuite 924Group Name: Highmark GrpCompany Type:Pittsburgh, PA 15222-3024FEIN Number: 23-1294723State ID Number:

(412) 544-6902 ext. [Phone]

#### **Filing Fees**

Fee Required? No Retaliatory? No

Fee Explanation:

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

#### **Rate Information**

Rate data applies to filing.

Filing Method: Review and Approval

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 20.000%

Effective Date of Last Rate Revision: 09/22/2016

Filing Method of Last Filing: Review and Approval

#### **Company Rate Information**

	Overall %	Overall %	Written Premium	Number of Policy	Written	Maximum %	Minimum %
Company	Indicated	Rate	Change for	<b>Holders Affected</b>	Premium for	Change	Change
Name:	Change:	Impact:	this Program:	for this Program:	this Program:	(where req'd):	(where req'd):
Highmark Inc	%	82.800%	\$1,004,285	457	\$941,020	95.000%	35.000%

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

**Project Name/Number:** MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

#### Rate/Rule Schedule

	lo.	Schedule Item Status	Document Name	Affected Form Numbers (Separated with commas)	Rate Action	Rate Action Information	Attachments
1			Rate Tables	SPL-336-HMBSPA, FSPL-336- HMBSPA	Revised	Previous State Filing Number: MILL-130443539 Percent Rate Change Request: 82.8	PA_Highmark Blue Shield_Current Simplicity Premium Rates_20170309.pdf, PA_Highmark Blue Shield_Proposed Simplicity Premium Rates_20170309.pdf,

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

### Form Number: SPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES

### PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP-HMBSPA Indexing: Compound - No Maximum Individual Underwriting

Rate Class II

Γ	Premium Rates							
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited		
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>		
18-29	56.00	75.00	90.00	106.00	125.00	175.00		
30	60.00	79.00	96.00	109.00	131.00	182.00		
31	60.00	83.00	98.00	111.00	134.00	188.00		
32	61.00	83.00	102.00	113.00	138.00	192.00		
33	63.00	86.00	104.00	119.00	142.00	198.00		
34	65.00	88.00	106.00	123.00	146.00	207.00		
35	67.00	90.00	111.00	127.00	150.00	211.00		
36	69.00	94.00	113.00	131.00	156.00	217.00		
37	71.00	96.00	115.00	134.00	159.00	225.00		
38	73.00	98.00	121.00	138.00	165.00	228.00		
39	75.00	100.00	125.00	142.00	167.00	234.00		
40	75.00	103.00	125.00	142.00	168.00	236.00		
41	77.00	105.00	129.00	146.00	170.00	243.00		
42	79.00	108.00	133.00	150.00	176.00	249.00		
43	80.00	110.00	135.00	155.00	181.00	256.00		
44	84.00	114.00	140.00	157.00	187.00	264.00		
45	85.00	113.00	135.00	155.00	185.00	263.00		
46	86.00	117.00	140.00	160.00	191.00	270.00		
47	86.00	121.00	144.00	164.00	196.00	277.00		
48	90.00	121.00	148.00	169.00	202.00	284.00		
49	92.00	126.00	151.00	175.00	207.00	292.00		
50	91.00	124.00	151.00	173.00	207.00	291.00		
51	96.00	128.00	158.00	180.00	214.00	301.00		
52	96.00	131.00	161.00	184.00	219.00	310.00		
53	100.00	135.00	165.00	189.00	228.00	319.00		
54	102.00	138.00	170.00	193.00	233.00	326.00		
55 56	101.00	136.00	169.00	193.00	231.00	322.00		
56	103.00	139.00	169.00	193.00	231.00	327.00		
57 50	105.00	141.00	173.00 179.00	198.00	237.00	337.00		
58 59	108.00	146.00 149.00		204.00	244.00	345.00 355.00		
60	110.00		183.00	209.00	251.00			
61	110.00 115.00	149.00 155.00	181.00 191.00	209.00 219.00	250.00 262.00	355.00 370.00		
62	119.00	163.00	191.00	229.00	274.00	388.00		
63	124.00	169.00	208.00	239.00	285.00	405.00		
64	129.00	177.00	215.00	246.00	298.00	422.00		
65	122.00	168.00	209.00	239.00	288.00	412.00		
66	128.00	176.00	216.00	248.00	300.00	431.00		
67	132.00	183.00	223.00	258.00	311.00	448.00		
68	137.00	187.00	232.00	266.00	324.00	465.00		
69	140.00	193.00	240.00	276.00	336.00	485.00		
70	136.00	188.00	233.00	269.00	328.00	476.00		
71	140.00	194.00	239.00	279.00	339.00	495.00		
72	143.00	199.00	246.00	287.00	351.00	513.00		
73	146.00	203.00	252.00	295.00	360.00	530.00		
74	147.00	207.00	258.00	301.00	371.00	548.00		
75	151.00	215.00	270.00	318.00	396.00	600.00		
76	152.00	216.00	272.00	322.00	403.00	616.00		
77	151.00	217.00	275.00	325.00	410.00	630.00		
78	151.00	217.00	276.00	328.00	415.00	646.00		
79	150.00	216.00	276.00	329.00	420.00	658.00		
80	149.00	217.00	280.00	336.00	N/A	N/A		
81	146.00	214.00	278.00	335.00	N/A	N/A		
82	142.00	209.00	274.00	330.00	N/A	N/A		
83	136.00	203.00	266.00	326.00	N/A	N/A		
84	128.00	193.00	258.00	317.00	N/A	N/A		
85	122.00	190.00	258.00	323.00	N/A	N/A		

# 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222 Form Number: SPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT

LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP2X-HMBSPA Indexing: Compound 2X Individual Underwriting Rate Class II

			Premium I	Rates		
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>
18-29	6.00	6.00	8.00	12.00	13.00	21.00
30	6.00	8.00	10.00	12.00	13.00	21.00
31	6.00	10.00	10.00	12.00	13.00	23.00
32	6.00	10.00	12.00	12.00	15.00	25.00
33	6.00	10.00	12.00	13.00	17.00	25.00
34	8.00	10.00	12.00	15.00	19.00	29.00
35	10.00	10.00	13.00	15.00	21.00	29.00
36	8.00	12.00	15.00	15.00	23.00	31.00
37	10.00	13.00	15.00	19.00	23.00	35.00
38	10.00	13.00	19.00	21.00	25.00	33.00
39	10.00	13.00	19.00	23.00	27.00	35.00
40	11.00	17.00	21.00	24.00	28.00	37.00
41	11.00	19.00	22.00	26.00	26.00	41.00
42	13.00	21.00	24.00	26.00	30.00	43.00
43	13.00	21.00	24.00	30.00	32.00	47.00
44	17.00	22.00	28.00	28.00	34.00	49.00
45	18.00	23.00	25.00	29.00	36.00	52.00
46	20.00	25.00	29.00	32.00	38.00	56.00
47	20.00	27.00	31.00	36.00	41.00	61.00
48	22.00	25.00	32.00	36.00	45.00	67.00
49	23.00	29.00	36.00	40.00	47.00	70.00
50	23.00	32.00	37.00	42.00	49.00	74.00
51	26.00	33.00	40.00	46.00	56.00	79.00
52	26.00	35.00	42.00	47.00	60.00	84.00
53	28.00	39.00	46.00	54.00	65.00	91.00
54	30.00	40.00	49.00	58.00	70.00	98.00
55	32.00	42.00	53.00	61.00	71.00	101.00
56	35.00	46.00	56.00	63.00	75.00	108.00
57	37.00	48.00	60.00	68.00	80.00	115.00
58	40.00	53.00	65.00	73.00	86.00	123.00
59 60	43.00	56.00	68.00	78.00	95.00	133.00
61	45.00 48.00	59.00 65.00	71.00 79.00	82.00 90.00	98.00 107.00	138.00 152.00
62	53.00	73.00	87.00	99.00	118.00	166.00
63	59.00	78.00 78.00	96.00	109.00	129.00	181.00
64	64.00	87.00	104.00	118.00	141.00	198.00
65	63.00	88.00	107.00	122.00	145.00	209.00
66	71.00	95.00	117.00	132.00	158.00	229.00
67	75.00	104.00	125.00	144.00	173.00	251.00
68	82.00	111.00	137.00	156.00	189.00	274.00
69	86.00	120.00	148.00	170.00	204.00	298.00
70	88.00	121.00	150.00	173.00	208.00	307.00
71	95.00	131.00	160.00	186.00	226.00	333.00
72	101.00	139.00	171.00	200.00	243.00	360.00
73	106.00	148.00	184.00	214.00	261.00	389.00
74	113.00	156.00	194.00	227.00	279.00	418.00
75	120.00	169.00	212.00	250.00	311.00	478.00
76	125.00	176.00	222.00	262.00	328.00	508.00
77	128.00	184.00	232.00	272.00	344.00	536.00
78	132.00	188.00	239.00	283.00	359.00	565.00
79	133.00	192.00	246.00	292.00	373.00	592.00
80	136.00	197.00	254.00	306.00	N/A	N/A
81	136.00	198.00	258.00	310.00	N/A	N/A
82	133.00	198.00	258.00	312.00	N/A	N/A
83	130.00	193.00	256.00	312.00	N/A	N/A
84	125.00	187.00	251.00	307.00	N/A	N/A
85	120.00	186.00	252.00	316.00	N/A	N/A

### HIGHMARK BLUE SHIELD 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

# Form Number: SPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates Form Number: SBIR-HMBSPA Indexing: Simple Individual Underwriting

Rate Class II

	Premium Rates							
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited		
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>		
18-29	12.00	17.00	21.00	27.00	35.00	52.00		
30	13.00	19.00	23.00	29.00	35.00	54.00		
31	13.00	21.00	25.00	31.00	36.00	56.00		
32	15.00	21.00	29.00	31.00	40.00	60.00		
33	15.00	23.00	29.00	35.00	40.00	63.00		
34	17.00	23.00	31.00	36.00	44.00	67.00		
35	19.00	23.00	33.00	36.00	46.00	69.00		
36	19.00	29.00	35.00	38.00	48.00	73.00		
37	21.00	29.00	36.00	40.00	50.00	77.00		
38	21.00	31.00	38.00	44.00	54.00	79.00		
39	21.00	33.00	40.00	46.00	56.00	83.00		
40	22.00	34.00	41.00	47.00	58.00	88.00		
41	26.00	36.00	43.00	50.00	58.00	92.00		
42	26.00	37.00	47.00	52.00	62.00	97.00		
43	28.00	37.00	47.00	56.00	65.00	103.00		
44	32.00	41.00	50.00	56.00	67.00	107.00		
45 46	31.00	41.00	49.00	56.00	68.00	110.00		
46	32.00	45.00	52.00	61.00	76.00	115.00		
47 48	32.00	47.00 45.00	56.00	65.00 67.00	79.00	121.00 126.00		
40 49	36.00 38.00	45.00 50.00	58.00		83.00			
49 50	37.00	50.00 51.00	61.00 61.00	72.00 74.00	86.00 89.00	133.00 137.00		
50 51	40.00	54.00	65.00	79.00	95.00	144.00		
52	40.00	56.00	70.00	81.00	100.00	151.00		
53	42.00	60.00	74.00	86.00	105.00	158.00		
54	44.00	61.00	79.00	89.00	110.00	165.00		
55	45.00	63.00	80.00	91.00	113.00	169.00		
56	48.00	65.00	81.00	93.00	115.00	174.00		
57	50.00	68.00	85.00	98.00	120.00	183.00		
58	51.00	71.00	90.00	103.00	126.00	191.00		
59	55.00	75.00	93.00	108.00	133.00	201.00		
60	56.00	76.00	95.00	110.00	135.00	203.00		
61	59.00	82.00	101.00	118.00	144.00	217.00		
62	62.00	88.00	107.00	126.00	153.00	233.00		
63	67.00	91.00	115.00	133.00	163.00	246.00		
64	71.00	99.00	121.00	141.00	174.00	260.00		
65	69.00	96.00	121.00	141.00	173.00	262.00		
66	73.00	102.00	128.00	148.00	183.00	278.00		
67	78.00	108.00	135.00	157.00	194.00	295.00		
68	82.00	114.00	143.00	166.00	206.00	312.00		
69	85.00	120.00	150.00	176.00	216.00	331.00		
70	84.00	118.00	148.00	174.00	215.00	332.00		
71	88.00	124.00	155.00	184.00	227.00	351.00		
72	91.00	129.00	162.00	192.00	239.00	369.00		
73	94.00	133.00	169.00	200.00	250.00	388.00		
74	97.00	139.00	175.00	208.00	261.00	407.00		
75	102.00	146.00	187.00	224.00	286.00	456.00		
76	103.00	150.00	192.00	230.00	295.00	475.00		
77	104.00	152.00	197.00	235.00	305.00	494.00		
78	106.00	155.00	200.00	241.00	312.00	512.00		
79	106.00	156.00	203.00	245.00	322.00	530.00		
80	107.00	158.00	208.00	254.00	N/A	N/A		
81	104.00	157.00	209.00	256.00	N/A	N/A		
82	102.00	156.00	208.00	256.00	N/A	N/A		
83	98.00	151.00	205.00	254.00	N/A	N/A		
84	95.00	145.00	200.00	250.00	N/A	N/A		
85	89.00	143.00	200.00	257.00	N/A	N/A		

#### HIGHMARK BLUE SHIELD 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222 Form Number: SPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES

### PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Indexing: None Individual Underwriting Rate Class II

Same			Premium Rates								
Name	leeuo	24 Month	36 Month			94 Month	Unlimited				
18-29											
30											
31         15.00         17.00         21.00         23.00         27.00         33.00           32         15.00         19.00         21.00         25.00         27.00         36.00           34         17.00         21.00         25.00         29.00         36.00           35         17.00         23.00         25.00         29.00         33.00         42.00           36         19.00         23.00         25.00         29.00         33.00         42.00           37         19.00         25.00         29.00         33.00         36.00         46.00           38         21.00         27.00         31.00         35.00         38.00         52.00           39         23.00         29.00         33.00         36.00         42.00         66.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         49.00         60.00           42         26.00         32.00         37.00         43.00         56.00           43         28.00         37.00         44.00         50.00         63.00         77.00											
32         15.00         19.00         21.00         25.00         27.00         35.00           33         17.00         19.00         23.00         25.00         27.00         31.00         36.00           35         17.00         23.00         25.00         27.00         31.00         35.00         42.00           36         19.00         25.00         29.00         33.00         36.00         46.00           37         19.00         25.00         29.00         33.00         36.00         42.00           38         21.00         27.00         31.00         35.00         38.00         52.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         56.00           43         28.00         36.00         41.00         45.00         56.00         67.00           43         28.00         38.00         47.00         52.00         59.00         67.00           44         28.00											
33         17,00         19,00         23,00         25,00         29,00         36,00           34         17,00         23,00         25,00         29,00         31,00         38,00           36         19,00         23,00         25,00         29,00         33,00         36,00         44,00           37         19,00         25,00         29,00         33,00         36,00         44,00           38         21,00         27,00         31,00         35,00         38,00         52,00           39         23,00         29,00         33,00         36,00         42,00         56,00           40         22,00         28,00         34,00         37,00         43,00         50,00         60,00           41         24,00         30,00         36,00         43,00         50,00         64,00           42         26,00         36,00         41,00         45,00         50,00         67,00           43         28,00         36,00         47,00         52,00         59,00         67,00           44         28,00         37,00         43,00         50,00         58,00         73,00           45         29,00											
34         17.00         21.00         25.00         27.00         31.00         38.00           35         17.00         23.00         25.00         29.00         33.00         42.00           37         19.00         25.00         27.00         31.00         35.00         46.00           38         21.00         27.00         31.00         35.00         38.00         52.00           40         22.00         28.00         33.00         36.00         42.00         56.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         60.00           42         26.00         32.00         37.00         43.00         50.00         67.00           43         28.00         37.00         43.00         50.00         58.00         67.00           43         28.00         37.00         43.00         50.00         58.00         67.00           43         28.00         37.00         43.00         50.00         58.00         73.00           43         28.00         37.00         43.00											
35         17.00         23.00         25.00         29.00         33.00         42.00           36         19.00         25.00         29.00         33.00         36.00         44.00           38         21.00         27.00         31.00         35.00         38.00         52.00           39         23.00         29.00         33.00         36.00         42.00         56.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         60.00           42         25.00         32.00         37.00         43.00         50.00         67.00           43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         37.00         43.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         56.00         63.00         72.00         90.00           47         34.0         49.00											
36         19.00         23.00         27.00         31.00         35.00         44.00           37         19.00         25.00         29.00         33.00         36.00         46.00           39         23.00         29.00         33.00         35.00         42.00         56.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         60.00           42         26.00         32.00         37.00         43.00         50.00         64.00           43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         36.00         47.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         58.00         67.00         74.00           46         31.00         40.00         49.00         54.00         63.00         72.00         85.00           47         34.00         43.00         55.00         67.00         77.00         97.00           48         36.00											
37         19.00         25.00         29.00         33.00         36.00         46.00           38         21.00         27.00         31.00         35.00         38.00         52.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         66.00           42         26.00         32.00         37.00         43.00         50.00         66.00           43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         37.00         43.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         58.00         77.00           46         31.00         40.00         49.00         56.00         63.00         77.00         87.00           47         34.00         43.00         52.00         58.00         67.00         58.00         78.00           48         36.00         49.00         56.00         67.00         77.00         81.00         10.00         10.00         10.											
38         21,00         27,00         31,00         36,00         42,00         56,00           39         23,00         29,00         34,00         37,00         42,00         56,00           41         24,00         30,00         36,00         39,00         49,00         60,00           41         24,00         30,00         37,00         43,00         50,00         64,00           43         28,00         36,00         41,00         45,00         54,00         67,00           44         28,00         37,00         43,00         50,00         58,00         73,00           45         29,00         38,00         47,00         52,00         59,00         74,00           46         31,00         40,00         49,00         54,00         63,00         79,00           47         34,00         43,00         52,00         58,00         67,00         79,00           48         36,00         49,00         56,00         63,00         72,00         90,00           49         38,00         50,00         59,00         67,00         77,00         86,00         100,00           50         40,00         53,00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
39         23.00         29.00         33.00         36.00         42.00         56.00           40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         60.00           42         26.00         32.00         37.00         43.00         50.00         64.00           43         28.00         37.00         43.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         85.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.80         50.00         59.00         67.00         77.00         97.00         97.00           51         42.00         56.00         67.00         74.00         86.00         199.00         116.00         120.00         143.00 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
40         22.00         28.00         34.00         37.00         43.00         56.00           41         24.00         30.00         36.00         39.00         49.00         60.00           42         26.00         32.00         37.00         43.00         50.00         54.00         67.00           43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         38.00         47.00         52.00         58.00         73.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         49.00         56.00         63.00         77.00         97.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         56.00         67.00         74.00         86.00         199.00           51         42.00         56.00         67.00         74.00         86.00         199.00           52         47.00         61.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
41         24.00         30.00         36.00         39.00         49.00         60.00           42         26.00         32.00         37.00         43.00         50.00         64.00           43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         37.00         43.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         85.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.80         50.00         59.00         67.00         77.00         97.00         97.00           50         40.00         53.00         66.00         70.00         81.00         91.00         116.00           51         42.00         56.00         67.00         74.00         86.00         198.00         124.00           51 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
42         26.00         32.00         37.00         43.00         50.00         64.00           43         28.00         36.00         41.00         45.00         54.00         67.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         85.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         105.00           54         54.00         70.00         82.00<		22.00	28.00	34.00	37.00	43.00	56.00				
43         28.00         36.00         41.00         45.00         54.00         67.00           44         28.00         37.00         43.00         50.00         58.00         73.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         85.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.0			30.00	36.00	39.00	49.00	60.00				
44         28.00         37.00         43.00         50.00         58.00         73.00           45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         79.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         77.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         76.00         90.0	42	26.00	32.00	37.00	43.00	50.00	64.00				
45         29.00         38.00         47.00         52.00         59.00         74.00           46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         79.00         90.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         199.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         150.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76	43	28.00	36.00	41.00	45.00	54.00	67.00				
46         31.00         40.00         49.00         54.00         63.00         79.00           47         34.00         43.00         52.00         58.00         67.00         86.00           48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         136.00           57         63.00         83.00         98.00         110.00         136.00         171.00           57         63.00         83.00 <td< td=""><td>44</td><td>28.00</td><td>37.00</td><td>43.00</td><td>50.00</td><td>58.00</td><td>73.00</td></td<>	44	28.00	37.00	43.00	50.00	58.00	73.00				
47         34.00         43.00         52.00         58.00         67.00         85.00           48         36.00         49.00         56.00         63.00         72.00         99.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         139.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00	45	29.00	38.00	47.00	52.00	59.00	74.00				
48         36.00         49.00         56.00         63.00         72.00         90.00           49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         136.00         171.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00	46	31.00	40.00	49.00	54.00	63.00	79.00				
49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         139.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00 <td>47</td> <td>34.00</td> <td>43.00</td> <td>52.00</td> <td>58.00</td> <td>67.00</td> <td>85.00</td>	47	34.00	43.00	52.00	58.00	67.00	85.00				
49         38.00         50.00         59.00         67.00         77.00         97.00           50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         139.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00 <td>48</td> <td>36.00</td> <td>49.00</td> <td>56.00</td> <td>63.00</td> <td>72.00</td> <td>90.00</td>	48	36.00	49.00	56.00	63.00	72.00	90.00				
50         40.00         53.00         63.00         70.00         81.00         102.00           51         42.00         56.00         67.00         74.00         86.00         199.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         136.00         171.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         130.00         146.00         167.00         290.00           61         84.00         110.00				59.00							
51         42.00         56.00         67.00         74.00         86.00         109.00           52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         13											
52         47.00         61.00         72.00         81.00         91.00         116.00           53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
53         51.00         65.00         77.00         86.00         98.00         124.00           54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         132.00         155.00         174.00         200.00         228.00           63         99.00         132.00         155.00         174.00         200.00         225.00           64         109.00											
54         54.00         70.00         82.00         93.00         105.00         135.00           55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         209.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00											
55         56.00         73.00         85.00         95.00         110.00         139.00           56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
56         58.00         76.00         90.00         101.00         116.00         146.00           57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         250.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.											
57         63.00         83.00         98.00         110.00         126.00         158.00           58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         1											
58         68.00         90.00         105.00         118.00         136.00         171.00           59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           68 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
59         73.00         96.00         115.00         128.00         146.00         184.00           60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         191.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70											
60         76.00         101.00         119.00         133.00         153.00         192.00           61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         416.00           71											
61         84.00         110.00         130.00         146.00         167.00         209.00           62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72											
62         91.00         119.00         143.00         158.00         183.00         228.00           63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73											
63         99.00         132.00         155.00         174.00         200.00         250.00           64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74											
64         109.00         143.00         171.00         191.00         219.00         273.00           65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75											
65         114.00         150.00         177.00         199.00         229.00         285.00           66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76											
66         124.00         164.00         194.00         219.00         252.00         312.00           67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77											
67         137.00         180.00         215.00         240.00         276.00         344.00           68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78											
68         150.00         199.00         236.00         265.00         304.00         379.00           69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         748.00         868.00         1,078.00           80											
69         166.00         219.00         259.00         291.00         336.00         416.00           70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         743.00         840.00         N/A         N/A											
70         171.00         227.00         271.00         303.00         350.00         432.00           71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         743.00         840.00         N/A         N/A           80         456.00         672.00         811.00         919.00         N/A         N/A <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
71         188.00         249.00         298.00         333.00         385.00         476.00           72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82											
72         207.00         275.00         328.00         367.00         423.00         525.00           73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           84         636.			227.00			350.00	432.00				
73         227.00         302.00         360.00         404.00         466.00         578.00           74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00 </td <td></td> <td>188.00</td> <td>249.00</td> <td>298.00</td> <td>333.00</td> <td></td> <td>476.00</td>		188.00	249.00	298.00	333.00		476.00				
74         249.00         330.00         396.00         445.00         513.00         635.00           75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00         865.00         1,048.00         1,189.00         N/A         N/A		207.00	275.00		367.00		525.00				
75         289.00         386.00         463.00         522.00         605.00         752.00           76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00         865.00         1,048.00         1,189.00         N/A         N/A	73	227.00	302.00	360.00	404.00	466.00	578.00				
76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00         865.00         1,048.00         1,189.00         N/A         N/A	74	249.00	330.00	396.00	445.00	513.00	635.00				
76         316.00         422.00         508.00         572.00         664.00         826.00           77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00         865.00         1,048.00         1,189.00         N/A         N/A	75	289.00	386.00	463.00	522.00	605.00	752.00				
77         344.00         461.00         554.00         626.00         726.00         904.00           78         374.00         503.00         606.00         684.00         794.00         986.00           79         408.00         548.00         661.00         748.00         868.00         1,078.00           80         456.00         616.00         743.00         840.00         N/A         N/A           81         497.00         672.00         811.00         919.00         N/A         N/A           82         541.00         732.00         886.00         1,004.00         N/A         N/A           83         588.00         797.00         965.00         1,093.00         N/A         N/A           84         636.00         865.00         1,048.00         1,189.00         N/A         N/A	76										
78     374.00     503.00     606.00     684.00     794.00     986.00       79     408.00     548.00     661.00     748.00     868.00     1,078.00       80     456.00     616.00     743.00     840.00     N/A     N/A       81     497.00     672.00     811.00     919.00     N/A     N/A       82     541.00     732.00     886.00     1,004.00     N/A     N/A       83     588.00     797.00     965.00     1,093.00     N/A     N/A       84     636.00     865.00     1,048.00     1,189.00     N/A     N/A		344.00				726.00	904.00				
79     408.00     548.00     661.00     748.00     868.00     1,078.00       80     456.00     616.00     743.00     840.00     N/A     N/A       81     497.00     672.00     811.00     919.00     N/A     N/A       82     541.00     732.00     886.00     1,004.00     N/A     N/A       83     588.00     797.00     965.00     1,093.00     N/A     N/A       84     636.00     865.00     1,048.00     1,189.00     N/A     N/A											
80     456.00     616.00     743.00     840.00     N/A     N/A       81     497.00     672.00     811.00     919.00     N/A     N/A       82     541.00     732.00     886.00     1,004.00     N/A     N/A       83     588.00     797.00     965.00     1,093.00     N/A     N/A       84     636.00     865.00     1,048.00     1,189.00     N/A     N/A											
81     497.00     672.00     811.00     919.00     N/A     N/A       82     541.00     732.00     886.00     1,004.00     N/A     N/A       83     588.00     797.00     965.00     1,093.00     N/A     N/A       84     636.00     865.00     1,048.00     1,189.00     N/A     N/A											
82 541.00 732.00 886.00 1,004.00 N/A N/A 83 588.00 797.00 965.00 1,093.00 N/A N/A 84 636.00 865.00 1,048.00 1,189.00 N/A N/A											
83 588.00 797.00 965.00 1,093.00 N/A N/A 84 636.00 865.00 1,048.00 1,189.00 N/A N/A											
84 636.00 865.00 1,048.00 1,189.00 N/A N/A											
55 130.00 1,001.00 1,204.00 1,408.00 IN/A IN/A											
	00	7 30.00	1,007.00	1,204.00	1,708.00	IN/A	11/7				

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

## Form Number: FSPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT

LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates Form Number: CMP-HMBSPA Indexing: Compound - No Maximum Individual Underwriting

Rate Class II

ſ			Premium	Rates		
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
Age	Plan	Plan	Plan	Plan	Plan	Plan
18-29	50.10	67.40	81.20	95.00	112.30	157.20
30	53.60	70.80	86.40	98.50	117.50	164.20
31	53.60	74.30	88.10	100.20	121.00	169.30
32	55.30	74.30	91.60	102.00	124.40	172.80
33	57.00	77.80	93.30	107.10	127.90	178.00
34	58.80	79.50	95.00	110.60	131.30	186.60
35	60.50	81.20	100.20	114.00	134.80	190.10
36	62.20	84.70	102.00	117.50	140.00	195.30
37	63.90	86.40	103.70	121.00	143.40	202.20
38	65.70	88.10	108.90	124.40	148.60	205.60
39	67.40	89.90	112.30	127.90	150.30	210.80
40	67.30	92.60	112.80	127.90	151.50	212.10
41	69.00	94.20	116.10	131.30	153.20	218.80
42	70.70	97.60	119.50	134.60	158.20	223.80
43	72.40	99.30	121.20	139.70	163.30	230.60
44	75.70	102.70	126.20	141.40	168.30	237.30
45	76.10	102.10	121.50	139.30	166.90	236.50
46	77.80	105.30	126.40	144.20	171.70	243.00
47	77.80	108.50	129.60	147.40	176.60	249.50
48	81.00	108.50	132.80	152.30	181.40	256.00
49	82.60	113.40	136.10	157.10	186.30	262.40
50	81.90	111.80	135.50	155.90	185.90	261.50
51	86.60	115.00	141.80	162.20	192.20	270.90
52	86.60	118.10	144.90	165.40	196.90	278.80
53	89.80	121.30	148.10	170.10	204.80	286.70
54	91.40	124.40	152.80	173.30	209.50	293.00
55	91.10	122.50	152.40	173.30	207.70	289.80
56	92.60	125.50	152.40	173.30	207.70	294.30
57	94.10	127.00	155.40	177.80	213.60	303.30
58	97.10	131.50	161.40	183.80	219.60	310.80
59	98.60	134.50	164.30	188.20	225.60	319.70
60 61	99.00 103.20	133.90 139.50	163.20 171.60	188.30 196.70	224.60 235.80	319.50 333.40
62	103.20	146.50	171.60	206.50	246.90	348.80
63	111.60	152.10	186.90	214.80	256.70	364.10
64	115.80	159.00	193.90	221.80	267.80	379.40
65	110.20	151.60	187.90	215.10	259.20	370.70
66	115.30	158.10	194.40	222.90	269.60	387.50
67	119.20	164.60	200.90	232.00	279.90	403.10
68	123.10	168.50	208.70	239.80	291.60	418.60
69	125.70	173.70	216.40	248.80	302.00	436.80
70	122.40	168.90	209.30	242.40	295.00	428.40
71	126.10	175.00	215.40	250.90	304.80	445.50
72	128.50	178.70	221.50	258.30	315.80	461.40
73	131.00	182.40	226.40	265.60	324.40	477.40
74	132.20	186.00	232.60	270.50	334.20	493.30
75	136.10	193.30	243.00	286.20	356.40	540.00
76	137.20	194.40	245.20	289.40	362.90	554.00
77	136.10	195.50	247.30	292.70	369.40	567.00
78	136.10	195.50	248.40	294.80	373.70	581.00
79	135.00	194.40	248.40	295.90	378.00	591.80
80	133.90	195.50	251.60	302.40	N/A	N/A
81	131.80	192.20	250.60	301.30	N/A	N/A
82	127.40	187.90	246.20	297.00	N/A	N/A
83	122.00	182.50	239.80	293.80	N/A	N/A
84 85	115.60 110.20	173.90	232.20	285.10	N/A	N/A
00	110.20	170.60	232.20	290.50	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

# Form Number: FSPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT

LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP2X-HMBSPA Indexing: Compound 2X Individual Underwriting Rate Class II

	Premium Rates							
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited		
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>		
18-29	5.20	5.20	6.90	10.40	12.10	19.00		
30	5.20	6.90	8.60	10.40	12.10	19.00		
31	5.20	8.60	8.60	10.40	12.10	20.70		
32	5.20	8.60	10.40	10.40	13.80	22.50		
33	5.20	8.60	10.40	12.10	15.60	22.50		
34	6.90	8.60	10.40	13.80	17.30	25.90		
35	8.60	8.60	12.10	13.80	19.00	25.90		
36	6.90	10.40	13.80	13.80	20.70	27.60		
37	8.60	12.10	13.80	17.30	20.70	31.10		
38	8.60	12.10	17.30	19.00	22.50	29.40		
39	8.60	12.10	17.30	20.70	24.20	31.10		
40	10.10	15.10	18.50	21.90	25.20	33.70		
41	10.10	16.80	20.20	23.60	23.60	37.00		
42	11.80	18.50	21.90	23.60	26.90	38.70		
43	11.80	18.50	21.90	26.90	28.60	42.10		
44	15.10	20.20	25.20	25.20	30.30	43.80		
45	16.20	21.10	22.70	25.90	32.40	47.00		
46	17.80	22.70	25.90	29.20	34.00	50.20		
47	17.80	24.30	27.50	32.40	37.30	55.10		
48	19.40	22.70	29.20	32.40	40.50	59.90		
49	21.10	25.90	32.40	35.60	42.10	63.20		
50	20.50	28.40	33.10	37.80	44.10	66.20		
51 52	23.60	29.90	36.20	41.00	50.40	70.90		
52	23.60	31.50	37.80	42.50	53.60	75.60		
53 54	25.20	34.70	41.00	48.80	58.30	81.90		
54 55	26.80	36.20 37.40	44.10	52.00	63.00	88.20		
56	28.40 31.40	41.80	47.80 50.80	55.30 56.80	64.20 67.20	91.10 97.10		
57	32.90	43.30	53.80	61.30	71.70	103.10		
58	35.90	47.80	58.30	65.70	77.70	110.60		
59	38.80	50.80	61.30	70.20	85.20	119.50		
60	40.50	53.00	64.20	73.90	87.90	124.20		
61	43.20	58.60	71.10	80.90	96.30	136.70		
62	47.40	65.60	78.10	89.30	106.00	149.30		
63	53.00	69.80	86.50	97.70	115.80	163.20		
64	57.20	78.10	93.50	106.00	126.90	178.60		
65	57.00	79.10	95.90	110.20	130.90	187.90		
66	63.50	85.50	105.00	119.20	142.60	206.10		
67	67.40	93.30	112.80	129.60	155.50	225.50		
68	73.90	99.80	123.10	140.00	169.80	246.20		
69	77.80	107.60	133.50	152.90	184.00	268.30		
70	79.60	108.90	134.60	155.40	187.30	276.60		
71	85.70	117.50	144.40	167.70	203.20	299.90		
72	90.60	124.80	154.20	179.90	219.10	324.40		
73	95.50	133.40	165.20	192.20	235.00	350.10		
74	101.60	140.80	175.00	204.40	250.90	375.80		
75	108.00	152.30	191.20	224.60	279.70	429.80		
76	112.30	158.80	199.80	235.40	294.80	456.80		
77	115.60	165.20	208.40	245.20	310.00	482.80		
78	118.80	169.60	214.90	254.90	322.90	508.70		
79	119.90	172.80	221.40	262.40	335.90	532.40		
80	122.00	177.10	229.00	275.40	N/A	N/A		
81	122.00	178.20	232.20	278.60	N/A	N/A		
82	119.90	178.20	232.20	280.80	N/A	N/A		
83	116.60	173.90	230.00	280.80	N/A	N/A		
84	112.30	168.50	225.70	276.50	N/A	N/A		
85	108.00	167.40	226.80	284.00	N/A	N/A		

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

# Form Number: FSPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT

LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates Form Number: SBIR-HMBSPA Indexing: Simple

Indexing: Simple Individual Underwriting Rate Class II

	Premium Rates								
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited			
Age	Plan	Plan	Plan	Plan	Plan	Plan			
18-29	10.40	15.60	19.00	24.20	31.10	46.70			
30	12.10	17.30	20.70	25.90	31.10	48.40			
31	12.10	19.00	22.50	27.60	32.80	50.10			
32	13.80	19.00	25.90	27.60	36.30	53.60			
33	13.80	20.70	25.90	31.10	36.30	57.00			
34	15.60	20.70	27.60	32.80	39.70	60.50			
35	17.30	20.70	29.40	32.80	41.50	62.20			
36	17.30	25.90	31.10	34.60	43.20	65.70			
37	19.00	25.90	32.80	36.30	44.90	69.10			
38	19.00	27.60	34.60	39.70	48.40	70.80			
39	19.00	29.40	36.30	41.50	50.10	74.30			
40	20.20	30.30	37.00	42.10	52.20	79.10			
41	23.60	32.00	38.70	45.40	52.20	82.50			
42	23.60	33.70	42.10	47.10	55.50	87.50			
43	25.20	33.70	42.10	50.50	58.90	92.60			
44	28.60	37.00	45.40	50.50	60.60	95.90			
45	27.50	37.30	43.70	50.20	61.60	98.80			
46	29.20	40.50	47.00	55.10	68.00	103.70			
47	29.20	42.10	50.20	58.30	71.30	108.50			
48	32.40	40.50	51.80	59.90	74.50	113.40			
49	34.00	45.40	55.10	64.80	77.80	119.90			
50	33.10	45.70	55.10	66.20	80.30	122.90			
51	36.20	48.80	58.30	70.90	85.10	129.20			
52	36.20	50.40	63.00	72.50	89.80	135.50			
53	37.80	53.60	66.20	77.20	94.50	141.80			
54 55	39.40	55.10	70.90 71.70	80.30	99.20	148.10			
55 56	40.30 43.30	56.80 58.30	71.70	82.20 83.70	101.60 103.10	152.40 156.90			
57	44.80	61.30	76.20	88.10	103.10	164.30			
58	46.30	64.20	80.70	92.60	113.50	171.80			
59	49.30	67.20	83.70	97.10	119.50	180.80			
60	50.20	68.40	85.10	99.00	121.40	182.70			
61	53.00	73.90	90.70	106.00	129.70	195.30			
62	55.80	79.50	96.30	113.00	138.10	209.30			
63	60.00	82.30	103.20	120.00	146.50	221.80			
64	64.20	89.30	108.80	126.90	156.20	234.40			
65	62.20	86.80	108.90	127.00	155.50	235.90			
66	66.10	92.00	115.30	133.50	164.60	250.10			
67	70.00	97.20	121.80	141.30	175.00	265.70			
68	73.90	102.40	128.30	149.00	185.30	281.20			
69	76.50	107.60	134.80	158.10	194.40	298.10			
70	75.90	106.50	133.40	156.70	193.40	298.70			
71	79.60	111.40	139.50	165.20	204.40	315.80			
72	82.00	116.30	145.70	172.60	215.40	331.70			
73	84.50	120.00	151.80	179.90	225.20	348.80			
74 75	86.90	124.80	157.90	187.30	235.00	366.00			
75 70	91.80	131.80	168.50	202.00	257.00	410.40			
76 77	92.90	135.00	172.80	207.40	265.70	427.70			
77 78	94.00 95.00	137.20 139.30	177.10 180.40	211.70 217.10	274.30 280.80	445.00 461.20			
78 79	95.00	140.40	182.50	220.30	289.40	477.40			
79 80	96.10	140.40	186.80	229.00	269.40 N/A	477.40 N/A			
81	94.00	141.50	187.90	230.00	N/A	N/A N/A			
82	91.80	140.40	186.80	230.00	N/A	N/A			
83	88.60	136.10	184.70	229.00	N/A	N/A			
84	85.30	130.70	180.40	224.60	N/A	N/A			
85	79.90	128.50	180.40	231.10	N/A	N/A			
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#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

## Form Number: FSPL-336-HMBSPA CURRENT ANNUAL PREMIUM RATES PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT

### LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Indexing: None Individual Underwriting Rate Class II

18-sue		Premium Rates							
18-29	Issue	24 Month	36 Month			84 Month	Unlimited		
30	<u>Age</u>	<u>Plan</u>		<u>Plan</u>	<u>Plan</u>		<u>Plan</u>		
31	18-29	12.10	15.60	17.30	17.30	20.70	25.90		
32         13.80         17.30         19.00         22.50         24.20         31.10           33         15.60         19.00         22.50         24.20         27.60         34.60           35         15.60         20.70         22.50         25.90         29.40         38.00           36         17.30         20.70         24.20         27.60         31.10         39.70           37         17.30         22.50         25.90         29.40         32.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           40         20.20         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         45.40         57.20           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         52.20         65.60           43         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90	30	12.10	15.60	17.30	19.00	22.50	27.60		
33         15.60         17.30         22.70         22.50         25.90         34.80           34         15.60         19.00         22.50         24.20         27.60         34.80           36         17.30         20.70         22.50         25.90         29.40         38.80           37         17.30         22.50         25.90         29.40         32.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         32.00         37.00         40.40         48.80         60.60           44         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10		13.80	15.60	19.00	20.70	24.20	29.40		
34         15.60         19.00         22.50         24.20         27.60         34.60           35         15.60         20.70         22.50         25.90         29.40         38.00           36         17.30         22.50         22.50         22.60         31.10         34.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         35.30         43.80         53.90           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         52.20         65.60           43         25.20         33.00         37.00         40.40         48.80         66.60           45         25.90         34.00         42.10         47.00         53.50         66.60           45         25.90         34.00         42.10         47.00         51.80         59.90         76.10           48		13.80	17.30	19.00	22.50	24.20	31.10		
35         15.60         20.70         22.50         25.90         29.40         38.00           36         17.30         20.70         24.20         27.60         31.10         39.70           38         19.00         22.50         25.90         29.40         32.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.60         33.70         38.70         45.40         57.20           43         25.20         33.70         38.70         45.40         57.20           43         25.20         33.70         38.70         45.40         52.20         65.60           44         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10         47.00         53.50         66.40           45         25.20         35.60         43.70         48.60	33	15.60	17.30	20.70	22.50	25.90	32.80		
36         17.30         20.70         24.20         27.60         31.10         39.70           37         17.30         22.50         25.90         29.40         32.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         33.70         38.70         45.40         52.20         65.60           44         25.20         34.00         42.10         47.00         53.50         66.40           45         25.90         34.00         42.10         47.00         55.70         61.0           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50		15.60	19.00	22.50	24.20	27.60	34.60		
37         17.30         22.50         25.90         29.40         32.80         41.50           38         19.00         24.20         27.60         31.10         34.60         46.70           40         20.20         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         52.20         65.60           43         25.20         33.70         38.70         45.40         52.20         65.60           44         25.20         33.70         48.60         56.70         71.30           46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         66.70         71.30           49         34.00         45.40         53.50         69.70         87.50         87.50           50         36.20         47.30	35	15.60	20.70	22.50		29.40	38.00		
38         19.00         24.20         27.60         31.10         34.60         46.70           39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         32.00         37.00         40.40         48.80         60.60           44         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         76.10           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.50							39.70		
39         20.70         25.90         29.40         32.80         38.00         50.10           40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         35.30         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         55.10         64.60									
40         20.20         25.20         30.30         33.70         38.70         50.50           41         21.90         26.90         32.00         37.00         43.80         53.90           42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         32.00         37.00         40.40         48.80         60.60           44         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.99									
41         21,90         26,90         32,00         35,30         43,80         53,90           42         23,60         28,60         33,70         38,70         45,40         57,20           43         25,20         32,00         37,00         40,40         48,80         60,60           44         25,20         33,70         38,70         45,40         52,20         65,60           45         25,90         34,00         42,10         47,00         53,50         66,40           46         27,50         35,60         43,70         48,60         56,70         71,30           47         30,80         38,90         47,00         51,80         59,90         76,10           49         34,00         45,40         53,50         59,90         66,20         77,20         97,70           50         36,20         47,30         56,70         63,00         72,50         91,40           51         37,80         50,40         59,90         66,20         77,20         97,70           52         42,50         55,10         64,60         72,50         81,90         104,00           53         45,70         58,30 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
42         23.60         28.60         33.70         38.70         45.40         57.20           43         25.20         32.00         37.00         40.40         48.80         60.66           45         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         48.60         56.70         71.30           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         64.80         81.00           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         89.70 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
43         25.20         32.00         37.00         40.40         48.80         60.60           44         25.20         33.70         38.70         45.40         52.20         65.60           46         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         66.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         82.50         111.80           54         48.80         63.00         74.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
44         25.20         33.70         38.70         45.40         52.20         65.60           45         25.90         34.00         42.10         47.00         53.50         66.40           46         27.50         35.60         43.70         50.20         56.70         64.80         81.00           47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         97.70           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
45									
46         27.50         35.60         43.70         48.60         56.70         71.30           47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         99.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.1									
47         30.80         38.90         47.00         51.80         59.90         76.10           48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         66.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         66.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70									
48         32.40         43.70         50.20         56.70         64.80         81.00           49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         103.10         115.00         131.50         141.90           61         75.30         99.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
49         34.00         45.40         53.50         59.90         69.70         87.50           50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00									
50         36.20         47.30         56.70         63.00         72.50         91.40           51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         128.30         142.30         146.60         205.10           61         75.30									
51         37.80         50.40         59.90         66.20         77.20         97.70           52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
52         42.50         55.10         64.60         72.50         81.90         104.00           53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.6									
53         45.70         58.30         69.30         77.20         88.20         111.80           54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         1									
54         48.80         63.00         74.00         83.50         94.50         121.30           55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40									
55         50.80         65.70         76.20         85.20         98.60         125.50           56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50									
56         52.30         68.70         80.70         91.10         104.60         131.50           57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
57         56.80         74.70         88.10         98.60         113.50         141.90           58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80									
58         61.30         80.70         94.10         106.10         122.50         153.90           59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         14									
59         65.70         86.70         103.10         115.00         131.50         165.80           60         68.40         90.70         107.40         120.00         138.10         173.00           61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
61         75.30         99.00         117.20         131.10         150.70         188.30           62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72									
62         82.30         107.40         128.30         142.30         164.60         205.10           63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73	60	68.40	90.70	107.40	120.00	138.10	173.00		
63         89.30         118.60         139.50         156.20         180.00         224.60           64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74	61	75.30	99.00	117.20	131.10	150.70	188.30		
64         97.70         128.30         153.50         171.60         196.70         245.50           65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75	62	82.30	107.40	128.30	142.30	164.60	205.10		
65         102.40         134.80         159.40         178.80         206.10         256.60           66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76	63	89.30	118.60	139.50	156.20	180.00	224.60		
66         111.50         147.70         175.00         197.00         226.80         281.20           67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77		97.70	128.30	153.50	171.60	196.70	245.50		
67         123.10         162.00         193.10         216.40         248.80         309.70           68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           78         337.00         452.50         545.40         615.60         715.00         887.80           79									
68         134.80         178.80         212.50         238.50         273.50         340.80           69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79									
69         149.00         197.00         233.30         261.80         302.00         374.50           70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80									
70         154.20         204.40         243.60         273.00         314.60         389.20           71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81									
71         168.90         224.00         268.10         299.90         346.40         428.40           72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         48									
72         186.00         247.20         295.00         330.50         380.70         472.50           73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           84         572.40 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
73         204.40         271.70         324.40         363.50         419.80         520.20           74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40									
74         224.00         297.40         356.20         400.20         461.40         571.60           75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
75         260.30         347.80         416.90         469.80         544.30         677.20           76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
76         284.00         380.20         456.80         515.20         597.20         743.00           77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
77         310.00         414.70         499.00         563.80         653.40         813.20           78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
78         337.00         452.50         545.40         615.60         715.00         887.80           79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
79         367.20         493.60         595.10         672.80         780.80         969.80           80         410.40         554.00         668.50         756.00         N/A         N/A           81         447.10         604.80         730.10         827.30         N/A         N/A           82         487.10         658.80         797.00         904.00         N/A         N/A           83         529.20         717.10         868.30         983.90         N/A         N/A           84         572.40         778.70         942.80         1,070.30         N/A         N/A									
80       410.40       554.00       668.50       756.00       N/A       N/A         81       447.10       604.80       730.10       827.30       N/A       N/A         82       487.10       658.80       797.00       904.00       N/A       N/A         83       529.20       717.10       868.30       983.90       N/A       N/A         84       572.40       778.70       942.80       1,070.30       N/A       N/A									
81     447.10     604.80     730.10     827.30     N/A     N/A       82     487.10     658.80     797.00     904.00     N/A     N/A       83     529.20     717.10     868.30     983.90     N/A     N/A       84     572.40     778.70     942.80     1,070.30     N/A     N/A									
82 487.10 658.80 797.00 904.00 N/A N/A 83 529.20 717.10 868.30 983.90 N/A N/A 84 572.40 778.70 942.80 1,070.30 N/A N/A									
84 572.40 778.70 942.80 1,070.30 N/A N/A	82	487.10		797.00	904.00		N/A		
	83	529.20	717.10		983.90	N/A	N/A		
85 682.60 933.10 1,137.20 1,294.90 N/A N/A					,				
	85	682.60	933.10	1,137.20	1,294.90	N/A	N/A		

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: SPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP-HMBSPA Indexing: Compound - No Maximum

Individual Underwriting

Rate Class II

Issue	24 Month	36 Month	Premium F 48 Month	60 Month	94 Month	Unlimited
	Plan	Plan	Plan	Plan	Plan	Plan
<u>Age</u> 18-29	105.00	142.00	171.00	200.00	236.00	331.00
30			182.00	207.00		346.00
31	113.00	149.00	186.00		247.00	356.00
	113.00	156.00		211.00	255.00	
32	116.00	156.00	193.00	215.00	262.00	364.00
33	120.00	164.00	196.00	226.00	269.00	375.00
34	124.00	167.00	200.00	233.00	276.00	393.00
35	127.00	171.00	211.00	240.00	284.00	400.00
36	131.00	178.00	215.00	247.00	295.00	411.00
37	135.00	182.00	218.00	255.00	302.00	426.00
38	138.00	186.00	229.00	262.00	313.00	433.00
39	142.00	189.00	236.00	269.00	316.00	444.00
40	146.00	200.00	244.00	276.00	327.00	458.00
41	149.00	204.00	251.00	284.00	331.00	473.00
42	153.00	211.00	258.00	291.00	342.00	484.00
43	156.00	215.00	262.00	302.00	353.00	498.00
44	164.00	222.00	273.00	306.00	364.00	513.00
45	165.00	221.00	263.00	302.00	362.00	513.00
46	166.00	224.00	269.00	307.00	366.00	518.00
47	163.00	227.00	271.00	308.00	369.00	522.00
48	166.00	223.00	273.00	313.00	372.00	525.00
49	166.00	228.00	273.00	315.00	374.00	527.00
50	168.00	230.00	278.00	321.00	382.00	537.00
51	177.00	235.00	289.00	331.00	392.00	553.00
52	175.00	239.00	293.00	335.00	398.00	564.00
53	180.00	244.00	297.00	342.00	411.00	576.00
54	182.00	248.00	304.00	345.00	417.00	584.00
55	191.00	257.00	320.00	364.00	436.00	609.00
56	191.00	259.00	315.00	358.00	429.00	608.00
57	192.00	259.00	317.00	363.00	436.00	619.00
58	195.00	264.00	324.00	369.00	441.00	624.00
59	196.00	267.00	326.00	373.00	447.00	634.00
60	210.00	284.00	347.00	400.00	477.00	678.00
61	213.00	288.00	354.00	405.00	486.00	687.00
62	216.00	294.00	358.00	414.00	496.00	700.00
63	217.00	294.00	363.00	418.00	499.00	708.00
64	219.00	301.00	367.00	419.00	506.00	717.00
65	224.00	309.00	382.00	438.00	528.00	754.00
66	229.00	314.00	386.00	443.00	536.00	770.00
67	231.00	319.00	389.00	450.00	543.00	781.00
68	232.00	317.00	392.00	451.00	548.00	787.00
69	230.00	318.00	397.00	456.00	553.00	800.00
70	234.00	323.00	400.00	463.00	563.00	818.00
71	238.00	331.00	407.00	474.00	576.00	842.00
72	240.00	334.00	414.00	483.00	590.00	862.00
73	242.00	337.00	419.00	491.00	600.00	882.00
74	242.00	340.00	425.00	494.00	611.00	902.00
75	282.00	401.00	503.00	593.00	738.00	1,119.00
76	278.00	394.00	497.00	586.00	735.00	1,122.00
77	271.00	389.00	492.00	583.00	735.00	1,129.00
78	266.00	382.00	486.00	577.00	731.00	1,137.00
79	259.00	374.00	477.00	569.00	726.00	1,137.00
80	253.00	369.00	475.00	571.00	N/A	N/A
81	244.00	356.00	464.00	558.00	N/A	N/A
82	230.00	339.00	445.00	536.00	N/A	N/A
83	216.00	323.00	425.00	520.00	N/A	N/A
84	201.00	302.00	403.00	495.00	N/A	N/A
85	187.00	290.00	395.00	494.00	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: SPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP2X-HMBSPA Indexing: Compound 2X Individual Underwriting Rate Class II

	Premium Rates					
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
Age	Plan	Plan	Plan	Plan	Plan	Plan
18-29	11.00	11.00	15.00	22.00	25.00	40.00
30	11.00	15.00	18.00	22.00	25.00	40.00
31	11.00	18.00	18.00	22.00	25.00	44.00
32	11.00	18.00	22.00	22.00	29.00	47.00
33	11.00	18.00	22.00	25.00	33.00	47.00
34	15.00	18.00	22.00	29.00	36.00	55.00
35	18.00	18.00	25.00	29.00	40.00	55.00
36	15.00	22.00	29.00	29.00	44.00	58.00
37	18.00	25.00	29.00	36.00	44.00	65.00
38	18.00	25.00	36.00	40.00	47.00	62.00
39	18.00	25.00	36.00	44.00	51.00	65.00
40	22.00	33.00	40.00	47.00	55.00	73.00
41	22.00	36.00	44.00	51.00	51.00	80.00
42	25.00	40.00	47.00	51.00	58.00	84.00
43	25.00	40.00	47.00	58.00	62.00	91.00
44	33.00	44.00	55.00	55.00	65.00	95.00
45	35.00	46.00	49.00	56.00	70.00	102.00
46	38.00	48.00	55.00	62.00	72.00	107.00
47	37.00	51.00	58.00	68.00	78.00	115.00
48	40.00	47.00	60.00	67.00	83.00	123.00
49	42.00	52.00	65.00	72.00	85.00	127.00
50	42.00	58.00	68.00	78.00	91.00	136.00
51	48.00	61.00	74.00	84.00	103.00	145.00
52	48.00	64.00	77.00	86.00	108.00	153.00
53 54	51.00	70.00	82.00	98.00	117.00	164.00
5 <del>4</del> 55	53.00	72.00	88.00 100.00	104.00	126.00 135.00	176.00
56	60.00 65.00	78.00 86.00	105.00	116.00 117.00	139.00	191.00 201.00
57	67.00	88.00	110.00	125.00	146.00	210.00
58	72.00	96.00	117.00	132.00	156.00	222.00
59	77.00	101.00	121.00	139.00	169.00	237.00
60	86.00	113.00	136.00	157.00	187.00	264.00
61	89.00	121.00	147.00	167.00	198.00	282.00
62	95.00	132.00	157.00	179.00	213.00	300.00
63	103.00	136.00	168.00	190.00	225.00	317.00
64	108.00	148.00	177.00	200.00	240.00	338.00
65	116.00	161.00	195.00	224.00	266.00	382.00
66	126.00	170.00	209.00	237.00	283.00	409.00
67	131.00	181.00	219.00	251.00	302.00	437.00
68	139.00	188.00	232.00	263.00	319.00	463.00
69	143.00	197.00	245.00	280.00	337.00	492.00
70	152.00	208.00	257.00	297.00	358.00	528.00
71	162.00	222.00	273.00	317.00	384.00	567.00
72	169.00	233.00	288.00	336.00	409.00	606.00
73	176.00	247.00	305.00	355.00	434.00	647.00
74	186.00	257.00	320.00	374.00	459.00	687.00
75	224.00	315.00	396.00	465.00	580.00	891.00
76	228.00	322.00	405.00	477.00	597.00	925.00
77	230.00	329.00	415.00	488.00	617.00	961.00
78	232.00	332.00	420.00	499.00	632.00	995.00
79	230.00	332.00	425.00	504.00	645.00	1,023.00
80	230.00	334.00	432.00	520.00	N/A	N/A
81	226.00	330.00	430.00	516.00	N/A	N/A
82	216.00	322.00	419.00	507.00	N/A	N/A
83	207.00	308.00	407.00	497.00	N/A	N/A
84	195.00	293.00	392.00	480.00	N/A	N/A
85	184.00	285.00	386.00	483.00	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: SPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates Form Number: SBIR-HMBSPA Indexing: Simple Individual Underwriting

Rate Class II

			Premium I	Rates		1
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>
18-29	22.00	33.00	40.00	51.00	65.00	98.00
30	25.00	36.00	44.00	55.00	65.00	102.00
31	25.00	40.00	47.00	58.00	69.00	105.00
32	29.00	40.00	55.00	58.00	76.00	113.00
33	29.00	44.00	55.00	65.00	76.00	120.00
34	33.00	44.00	58.00	69.00	84.00	127.00
35	36.00	44.00	62.00	69.00	87.00	131.00
36	36.00	55.00	65.00	73.00	91.00	138.00
37	40.00	55.00	69.00	76.00	95.00	146.00
38	40.00	58.00	73.00	84.00	102.00	149.00
39	40.00	62.00	76.00	87.00	105.00	156.00
40	44.00	65.00	80.00	91.00	113.00	171.00
41	51.00	69.00	84.00	98.00	113.00	178.00
42	51.00	73.00	91.00	102.00	120.00	189.00
43	55.00	73.00	91.00	109.00	127.00	200.00
44	62.00	80.00	98.00	109.00	131.00	207.00
45	60.00	81.00	95.00	109.00	133.00	214.00
46	62.00	86.00	100.00	117.00	145.00	221.00
47	61.00	88.00	105.00	122.00	149.00	227.00
48	67.00	83.00	106.00	123.00	153.00	233.00
49	68.00	91.00	111.00	130.00	156.00	241.00
50	68.00	94.00	113.00	136.00	165.00	253.00
51	74.00	100.00	119.00	145.00	173.00	263.00
52	73.00	102.00	128.00	147.00	182.00	274.00
53	76.00	108.00	133.00	155.00	190.00	285.00
54	78.00	110.00	141.00	160.00	198.00	295.00
55	85.00	119.00	151.00	173.00	213.00	320.00
56	90.00	120.00	151.00	173.00	213.00	324.00
57	92.00	125.00	156.00	180.00	220.00	336.00
58	93.00	129.00	162.00	186.00	228.00	345.00
59	98.00	133.00	166.00	193.00	237.00	358.00
60	107.00	145.00	181.00	210.00	258.00	388.00
61	109.00	152.00	187.00	219.00	267.00	403.00
62	112.00	160.00	193.00	227.00	277.00	420.00
63	117.00	160.00	201.00	233.00	285.00	431.00
64	121.00	169.00	206.00	240.00	295.00	443.00
65	127.00	177.00	222.00	258.00	317.00	480.00
66	131.00	183.00	229.00	265.00	327.00	497.00
67	136.00	188.00	236.00	274.00	339.00	515.00
68	139.00	193.00	241.00	280.00	349.00	529.00
69	140.00	197.00	247.00	290.00	356.00	546.00
70	145.00	203.00	255.00	299.00	369.00	570.00
71	150.00	210.00	264.00	312.00	386.00	597.00
72	153.00	217.00	272.00	323.00	403.00	620.00
73	156.00	222.00	281.00	333.00	416.00	645.00
74	159.00	228.00	289.00	342.00	430.00	669.00
75 70	190.00	273.00	349.00	418.00	533.00	850.00
76	188.00	273.00	350.00	420.00	538.00	866.00
77 70	187.00	273.00	353.00	421.00	546.00	886.00
78 70	186.00	273.00	353.00	425.00	549.00	902.00
79	183.00	270.00	351.00	423.00	556.00	917.00
80	181.00	269.00	352.00	432.00	N/A	N/A
81	174.00	262.00	348.00	426.00	N/A	N/A
82	166.00	254.00	337.00	415.00	N/A	N/A
83	157.00	241.00	327.00	405.00	N/A	N/A
84 95	148.00	227.00	313.00	390.00	N/A	N/A
85	136.00	219.00	307.00	393.00	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: SPL-336-HMBSPA

# ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Indexing: None Individual Underwriting Rate Class II

			Premium F	Rates		1
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
Age	Plan	Plan	Plan	Plan	Plan	Plan
18-29	20.00	26.00	29.00	29.00	35.00	44.00
30	20.00	26.00	29.00	32.00	38.00	47.00
31	23.00	26.00	32.00	35.00	41.00	49.00
32	23.00	29.00	32.00	38.00	41.00	52.00
33	26.00	29.00	35.00	38.00	44.00	55.00
34	26.00	32.00	38.00	41.00	47.00	58.00
35	26.00	35.00	38.00	44.00	49.00	64.00
36	29.00	35.00	41.00	47.00	52.00	67.00
37	29.00	38.00	44.00	49.00	55.00	70.00
38	32.00	41.00	47.00	52.00	58.00	79.00
39	35.00	44.00	49.00	55.00	64.00	84.00
40	35.00	44.00	52.00	58.00	67.00	87.00
41	38.00	47.00	55.00	61.00	76.00	93.00
42	41.00	49.00	58.00	67.00	79.00	99.00
43	44.00	55.00	64.00	70.00	84.00	105.00
43 44	44.00	58.00	67.00	79.00	90.00	113.00
45 46	45.00 47.00	59.00 61.00	73.00 75.00	81.00 83.00	93.00 97.00	115.00 121.00
46 47	51.00	65.00	75.00 79.00	87.00	100.00	127.00
48	53.00	72.00	82.00	93.00	106.00	133.00
46 49						
50	55.00 60.00	73.00 78.00	86.00 93.00	96.00 104.00	112.00 119.00	140.00 150.00
50 51	62.00					
52		82.00	98.00	108.00	126.00 133.00	159.00
52 53	69.00	89.00	105.00	117.00		168.00 180.00
53 54	73.00	94.00	111.00	124.00	142.00 151.00	
5 <del>4</del> 55	78.00 85.00	100.00 110.00	118.00	133.00 143.00		193.00
56	86.00	114.00	128.00 133.00	151.00	166.00 173.00	211.00 217.00
57						
57 58	93.00	122.00	144.00	161.00	185.00 197.00	232.00
56 59	98.00	130.00	151.00	170.00		247.00
60	104.00 116.00	137.00	164.00	182.00	209.00	263.00
61	124.00	154.00 163.00	182.00 193.00	204.00 216.00	235.00 248.00	294.00 311.00
62						
63	132.00	172.00	206.00	228.00	264.00	329.00
	139.00	184.00	217.00	243.00	280.00	349.00
64 65	148.00	194.00	232.00	260.00	298.00	371.00
65 66	167.00	219.00	260.00	291.00	335.00	418.00
66 67	177.00	235.00 251.00	278.00	313.00 336.00	361.00	447.00
67 68	191.00 203.00		299.00		386.00	480.00
69		269.00	320.00	359.00 384.00	411.00	513.00
70	219.00	289.00	342.00 372.00		443.00 481.00	549.00
70 71	236.00 255.00	312.00 339.00		417.00		595.00
71 72			405.00	453.00	524.00 569.00	648.00
73	278.00	370.00	441.00	494.00	621.00	706.00 769.00
	302.00	402.00	480.00	538.00		
74 75	328.00	435.00	521.00	585.00	675.00	836.00
75 76	431.00	576.00	691.00	779.00	902.00	1,122.00
76 77	460.00	616.00	740.00	835.00	968.00	1,204.00
77 70	494.00	660.00	795.00	898.00	1,041.00	1,295.00
78 70	527.00	708.00	853.00	963.00	1,119.00	1,389.00
79	564.00	759.00	915.00	1,034.00	1,200.00	1,491.00
80	619.00	836.00	1,009.00	1,141.00	N/A	N/A
81	662.00	896.00	1,082.00	1,226.00	N/A	N/A
82	704.00	952.00	1,151.00	1,306.00	N/A	N/A
83	750.00	1,016.00	1,230.00	1,394.00	N/A	N/A
84	795.00	1,082.00	1,310.00	1,487.00	N/A	N/A
85	929.00	1,270.00	1,548.00	1,763.00	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: FSPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP-HMBSPA Indexing: Compound - No Maximum Individual Underwriting Rate Class II

			Premium	Rates		1
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>
18-29	94.90	127.70	153.90	180.10	212.80	297.90
30	101.50	134.20	163.70	186.60	222.60	311.00
31	101.50	140.80	167.00	189.90	229.20	320.80
32	104.80	140.80	173.50	193.20	235.70	327.40
33	108.00	147.30	176.80	203.00	242.30	337.20
34	111.30	150.60	180.10	209.50	248.80	353.60
35	114.60	153.90	189.90	216.10	255.40	360.10
36	117.90	160.40	193.20	222.60	265.20	369.90
37	121.10	163.70	196.40	229.20	271.70	383.00
38	124.40	167.00	206.20	235.70	281.50	389.60
39	127.70	170.20	212.80	242.30	284.80	399.40
40	131.00	180.10	219.30	248.80	294.60	412.50
41	134.20	183.30	225.90	255.40	297.90	425.60
42	137.50	189.90	232.40	261.90	307.70	435.40
43	140.80	193.20	235.70	271.70	317.60	448.50
44	147.30	199.70	245.50	275.00	327.40	461.60
45	148.60	199.20	237.10	271.90	325.60	461.50
46	149.00	201.80	242.20	276.30	329.10	465.80
47	146.30	204.30	243.90	277.40	332.30	469.50
48	149.60	200.50	245.40	281.30	335.20	472.80
49	149.20	204.80	245.70	283.70	336.40	473.90
50	151.50	206.90	250.60	288.50	343.80	483.70
51	159.00	211.10	260.20	297.80	352.70	497.30
52	157.80	215.20	263.90	301.20	358.60	507.80
53	162.20	219.20	267.50	307.40	370.00	518.00
54 55	163.80	223.10	273.90	310.60	375.60	525.20
56	172.20 172.30	231.50 233.40	288.00 283.40	327.60 322.30	392.50 386.20	547.80 547.40
57	172.90	233.30	285.50	326.70	392.50	557.20
58	175.50	237.60	291.60	332.10	396.90	561.60
59	176.00	240.00	293.30	335.90	402.60	570.60
60	189.30	256.00	312.00	359.90	429.30	610.60
61	191.50	258.80	318.30	364.80	437.30	618.40
62	194.00	264.60	322.60	373.00	446.00	630.00
63	195.30	266.10	327.10	376.00	449.20	637.20
64	197.00	270.60	330.00	377.40	455.80	645.70
65	201.80	277.70	344.20	394.00	474.80	678.90
66	206.30	282.70	347.60	398.60	482.00	692.90
67	208.00	287.20	350.50	404.80	488.40	703.20
68	208.40	285.20	353.20	405.80	493.60	708.60
69	207.30	286.40	357.00	410.40	498.00	720.30
70	210.40	290.30	359.70	416.50	507.00	736.30
71	214.40	297.60	366.30	426.70	518.20	757.60
72	216.20	300.60	372.60	434.40	531.20	776.10
73	217.90	303.40	376.70	441.90	539.60	794.10
74	217.50	306.10	382.60	445.00	549.80	811.50
75	253.70	360.50	453.10	533.60	664.50	1,006.90
76	250.00	354.40	446.90	527.60	661.50	1,010.00
77	243.80	350.20	443.10	524.40	661.80	1,015.90
78	239.60	344.10	437.30	519.00	657.80	1,022.90
79	233.40	336.20	429.50	511.70	653.60	1,023.40
80	227.40	331.90	427.30	513.50	N/A	N/A
81	219.60	320.40	417.60	502.20	N/A	N/A
82	207.10	305.40	400.10	482.60	N/A	N/A
83	194.50	290.90	382.10	468.20	N/A	N/A
84 85	180.60 168.70	271.70	362.80 355.60	445.50	N/A	N/A
85	168.70	261.30	355.60	444.90	N/A	N/A

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: FSPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Form Number: CMP2X-HMBSPA Indexing: Compound 2X Individual Underwriting Rate Class II

			Premium	Ratos		
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
Age	Plan	Plan	Plan	Plan	Plan	Plan
18-29	9.80	9.80	13.10	19.60	22.90	36.00
30	9.80	13.10	16.40	19.60	22.90	36.00
31	9.80	16.40	16.40	19.60	22.90	39.30
32	9.80	16.40	19.60	19.60	26.20	42.60
33	9.80	16.40	19.60	22.90	29.50	42.60
34	13.10	16.40	19.60	26.20	32.70	49.10
35	16.40	16.40	22.90	26.20	36.00	49.10
36	13.10	19.60	26.20	26.20	39.30	52.40
37	16.40	22.90	26.20	32.70	39.30	58.90
38	16.40	22.90	32.70	36.00	42.60	55.70
39	16.40	22.90	32.70	39.30	45.80	58.90
40	19.60	29.50	36.00	42.60	49.10	65.50
41	19.60	32.70	39.30	45.80	45.80	72.00
42	22.90	36.00	42.60	45.80	52.40	75.30
43	22.90	36.00	42.60	52.40	55.70	81.80
44	29.50	39.30	49.10	49.10	58.90	85.10
45	31.60	41.10	44.30	50.60	63.20	91.70
46	34.20	43.50	49.70	55.90	65.20	96.30
47	33.50	45.70	51.80	61.00	70.10	103.70
48	35.90	41.90	53.90	59.90	74.80	110.70
49	38.00	46.80	58.50	64.40	76.10	114.10
50	37.90	52.40	61.20	69.90	81.60	122.40
51	43.40	54.90	66.50	75.20	92.50	130.10
52	43.00	57.40	68.90	77.50	97.50	137.70
53	45.50	62.60	74.00	88.20	105.30	148.00
54	48.00	64.90	79.10	93.20	113.00	158.10
55	53.70	70.60	90.40	104.50	121.40	172.20
56	58.40	77.80	94.50	105.60	125.00	180.60
57	60.40	79.60	98.80	112.50	131.80	189.40
58	64.80	86.40	105.30	118.80	140.40	199.80
59	69.30	90.70	109.30	125.30	152.00	213.30
60	77.30	101.30	122.60	141.30	168.00	237.30
61	80.20	101.30	132.00	150.10	178.50	253.60
62						
	85.70	118.40	141.10	161.30	191.50	269.60
63	92.80	122.10	151.40	170.90	202.60	285.60
64	97.30	132.90	159.00	180.40	216.00	303.80
65	104.40	144.80	175.70	201.80	239.70	344.20
66	113.60	153.00	187.70	213.20	254.90	368.50
67	117.60	162.80	196.70	226.10	271.40	393.50
68	125.00	168.90	208.40	236.90	287.40	416.80
69	128.30	177.40	220.20	252.20	303.50	442.50
70	136.70	187.20	231.40	267.20	321.90	475.40
71	145.70	199.80	245.60	285.10	345.50	509.90
72	152.30	210.00	259.40	302.60	368.50	545.60
73	158.80	222.00	274.90	319.70	391.00	582.40
74	167.10	231.60	288.00	336.30	412.80	618.20
75	201.40	283.90	356.40	418.90	521.60	801.50
76	204.80	289.40	364.20	429.20	537.50	832.80
77	207.00	296.10	373.50	439.20	555.30	864.90
78	209.10	298.50	378.30	448.70	568.50	895.50
79	207.30	298.80	382.80	453.80	580.80	920.70
80	207.20	300.70	388.80	467.60	N/A	N/A
81	203.40	297.00	387.00	464.40	N/A	N/A
82	194.80	289.60	377.30	456.30	N/A	N/A
83	185.90	277.10	366.60	447.50	N/A	N/A
84	175.50	263.30	352.70	432.00	N/A	N/A
85	165.40	256.30	347.30	434.90	N/A	N/A
00	100.40	200.00	0.7.00	10-7.00	14//1	14//1

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: FSPL-336-HMBSPA

## ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates Form Number: SBIR-HMBSPA Indexing: Simple

Indexing: Simple Individual Underwriting Rate Class II

	Premium Rates						
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited	
<u>Age</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	<u>Plan</u>	
18-29	19.60	29.50	36.00	45.80	58.90	88.40	
30	22.90	32.70	39.30	49.10	58.90	91.70	
31	22.90	36.00	42.60	52.40	62.20	94.90	
32	26.20	36.00	49.10	52.40	68.70	101.50	
33	26.20	39.30	49.10	58.90	68.70	108.00	
34	29.50	39.30	52.40	62.20	75.30	114.60	
35	32.70	39.30	55.70	62.20	78.60	117.90	
36	32.70	49.10	58.90	65.50	81.80	124.40	
37	36.00	49.10	62.20	68.70	85.10	131.00	
38	36.00	52.40	65.50	75.30	91.70	134.20	
39	36.00	55.70	68.70	78.60	94.90	140.80	
40	39.30	58.90	72.00	81.80	101.50	153.90	
41	45.80	62.20	75.30	88.40	101.50	160.40	
42	45.80	65.50	81.80	91.70	108.00	170.20	
43	49.10	65.50	81.80	98.20	114.60	180.10	
44	55.70	72.00	88.40	98.20	117.90	186.60	
45	53.70	72.70	85.40	98.00	120.10	192.80	
46	55.90	77.60	90.00	105.60	130.40	198.70	
47	54.90	79.30	94.50	109.80	134.10	204.30	
48	59.90	74.80	95.80	110.70	137.70	209.50	
49 50	61.40	81.90 84.50	99.50 102.00	117.00 122.40	140.40	216.50 227.30	
50 51	61.20 66.50	89.60	102.00	130.10	148.60 156.10	237.10	
52	66.00	91.80	114.80	132.00	163.50	246.70	
53	68.30	96.80	119.50	139.50	170.80	256.20	
54	70.60	98.80	127.10	144.00	177.90	265.40	
55	76.20	107.30	135.50	155.30	192.00	288.00	
56	80.60	108.40	136.20	155.60	191.70	291.80	
57	82.40	112.50	140.00	162.00	197.60	302.00	
58	83.70	116.10	145.80	167.40	205.20	310.50	
59	88.00	120.00	149.30	173.30	213.30	322.60	
60	96.00	130.60	162.60	189.30	232.00	349.30	
61	98.30	137.10	168.20	196.70	240.60	362.30	
62	100.80	143.60	173.90	204.10	249.50	378.00	
63	105.00	144.00	180.70	209.90	256.30	388.20	
64	109.20	151.90	185.20	216.00	265.90	398.80	
65	113.90	159.00	199.40	232.60	284.90	432.00	
66	118.20	164.50	206.30	238.70	294.30	447.30	
67	122.10	169.60	212.60	246.50	305.30	463.60	
68	125.00	173.30	217.20	252.30	313.70	476.00	
69	126.10	177.40	222.30	260.80	320.60	491.60	
70	130.40	183.00	229.30	269.30	332.40	513.30	
71	135.30	189.40	237.30	281.00	347.60	537.00	
72	137.90	195.60	245.00	290.30	362.30	557.90	
73 74	140.50	199.60	252.50 259.80	299.30	374.70	580.30	
74 75	143.00 171.20	205.40 245.70		308.10 376.60	386.60 479.30	602.10 765.20	
76	169.30	246.10	314.10 315.00	378.00	484.30	779.60	
70 77	168.30	245.70	317.30	379.30	491.50	797.20	
78	167.30	245.30	317.50	382.20	494.30	811.80	
79	164.30	242.80	315.60	381.00	500.50	825.40	
80	163.20	242.10	317.20	388.80	N/A	N/A	
81	156.60	235.80	313.20	383.40	N/A	N/A	
82	149.20	228.20	303.60	373.80	N/A	N/A	
83	141.10	216.90	294.30	364.90	N/A	N/A	
84	133.30	204.20	281.80	351.00	N/A	N/A	
85	122.40	196.80	276.20	353.90	N/A	N/A	

#### 120 FIFTH AVENUE, PITTSBURGH, PENNSYLVANIA 15222

#### Form Number: FSPL-336-HMBSPA

# ANNUAL PREMIUM RATES WITH RATE INCREASE PREMIUMS PER \$300 FACILITY MONTHLY BENEFIT LONG TERM CARE POLICIES

Integrated Plan HHC at 80% Lifetime Payment Plan 90 day Elimination Period Married one insured rates

Indexing: None Individual Underwriting Rate Class II

			Premium	Rates		1
Issue	24 Month	36 Month	48 Month	60 Month	84 Month	Unlimited
Age	Plan	Plan	46 Month	Plan	Plan	Plan
18-29	18.30	23.60	26.20	26.20	31.40	39.30
30	18.30	23.60	26.20	28.80	34.00	41.90
31	21.00	23.60	28.80	31.40	36.70	44.50
32	21.00	26.20	28.80	34.00	36.70	47.10
33	23.60	26.20	31.40	34.00	39.30	49.80
34	23.60	28.80	34.00	36.70	41.90	52.40
35	23.60	31.40	34.00	39.30	44.50	57.60
36	26.20	31.40	36.70	41.90	47.10	60.20
37	26.20	34.00	39.30	44.50	49.80	62.90
38	28.80	36.70	41.90	47.10	52.40	70.70
39	31.40	39.30	44.50	49.80	57.60	76.00
40	31.40	39.30	47.10	52.40	60.20	78.60
41	34.00	41.90	49.80	55.00	68.10	83.80
42	36.70	44.50	52.40	60.20	70.70	89.00
43	39.30	49.80	57.60	62.90	76.00	94.30
44	39.30	52.40	60.20	70.70	81.20	102.10
45	40.50	53.10	65.80	73.30	83.50	103.70
46	42.20	54.60	67.10	74.50	86.90	109.30
47	46.30	58.50	70.70	78.00	90.20	114.60
48	47.90	64.60	74.20	83.80	95.80	119.70
49	49.10	65.50	77.20	86.60	100.60	126.40
50	53.60	69.90	83.90	93.20	107.20	135.20
51	55.50	74.00	87.90	97.10	113.30	143.40
52 53	62.00	80.30	94.10	105.60 111.60	119.30 127.50	151.50
53 54	66.00 70.00	84.20 90.40	100.20 106.20	119.70	135.50	161.70 173.90
5 <del>4</del> 55	76.80	99.40	115.20	128.80	149.10	189.80
56	77.80	102.30	120.00	135.60	155.60	195.60
57	83.40	102.30	129.60	144.90	166.90	208.60
58	88.60	116.60	136.10	153.40	177.10	222.50
59	93.90	123.70	147.20	164.20	187.70	236.80
60	104.50	138.60	164.20	183.40	211.20	264.50
61	111.80	147.00	173.90	194.60	223.60	279.50
62	118.90	155.20	185.50	205.60	237.90	296.40
63	125.00	166.00	195.30	218.70	251.90	314.40
64	132.90	174.70	208.90	233.60	267.80	334.20
65	150.00	197.50	233.60	262.10	301.90	376.00
66	159.40	211.40	250.30	281.80	324.50	402.30
67	171.90	226.10	269.50	302.10	347.30	432.40
68	182.50	242.20	287.80	322.90	370.30	461.60
69	196.70	259.90	307.80	345.40	398.40	494.20
70	212.10	281.10	334.90	375.30	432.50	535.20
71	229.80	304.70	364.60	407.90	471.20	582.80
72	250.30	332.70	396.90	444.70	512.20	635.70
73	272.00	361.60	431.70	483.80	558.70	692.30
74 75	294.80	391.50	468.80	526.80	607.30	752.30
75 70	388.30	518.70	621.80	700.80	811.90	1,010.10
76 77	414.20	554.40	666.20	751.30	871.00	1,083.60
77 78	444.30 474.60	594.40 637.30	715.20 768.10	808.10 867.00	936.50	1,165.60 1,250.30
76 79	508.00	637.30 682.80	768.10 823.20	867.00 930.80	1,006.90 1,080.20	1,250.30 1,341.60
79 80	557.50	752.60	908.10	1,026.90	1,060.20 N/A	1,341.60 N/A
81	596.20	806.40	973.40	1,103.00	N/A N/A	N/A N/A
82	633.20	856.40	1,036.20	1,175.10	N/A	N/A
83	674.70	914.30	1,107.10	1,254.40	N/A	N/A
84	715.50	973.40	1,178.60	1,337.90	N/A	N/A
85	836.10	1,143.10	1,393.10	1,586.30	N/A	N/A
		,	,	,		•

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

### **Supporting Document Schedules**

Satisfied - Item:	Transmittal Letter (A&H)
Comments:	
Attachment(s):	PA_Highmark BS_CovLtr_Simplicity_RS_20170307.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Actuarial Certification (A&H)
Bypass Reason:	Not applicable as this is not a form filing.
Attachment(s):	Not applicable as this is not a form filling.
Item Status:	
Status Date:	
Glatus Date.	
Satisfied - Item:	Actuarial Memorandum and Explanatory Information (A&H)
Comments:	
Attachment(s):	PA_Highmark BS_ActMemo_Simplicity_RS_20170307.pdf PA_Highmark BS_Supplement_Simplicity_RS_20170307.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Advertisements (A&H)
Bypass Reason:	
Attachment(s):	Not applicable as this is not a form filing.
Item Status:	
Status Date:	
Status Date.	
Satisfied - Item:	Authorization to File (A&H)
Comments:	
Attachment(s):	2016 Highmark Letter of Authorization_20160407.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Insert Page Explanation (A&H)
Bypass Reason:	Not applicable as this is not a form filing.
Attachment(s):	
Item Status:	

SERFF Tracking #:	MILL-130951723	State Tracking #:	MILL-130951723		Company Tracking #:	SIMPLICITY (HIGHMARK BS)
State:	Pennsylvania			Filing Company:	Highmark Inc	
TOI/Sub-TOI:		ual Long Term Care/LTC03I.0	01 Qualified			
Product Name:	Long-Term Car					
Project Name/Number:	MedAmerica N	ationwide 2017 Rate Increase	/145MAI01-60.06			
Status Date:						
Satisfied - Item:		Rate Table (A&H)				
Comments:		Rate tables are attached	d on the Rate/Rul	e Schedule tab.		
Attachment(s):						
Item Status:						
Status Date:						
Bypassed - Item:		Replacement Form with	Highlighted Cha	nges (A&H)		
Bypass Reason:		Not applicable as this is	not a form filing.			
Attachment(s):						
Item Status:						
Status Date:						
Bypassed - Item:		Reserve Calculation (A8	kH)			
Bypass Reason:		Not applicable as this is	not a form filing.			
Attachment(s):						
Item Status:						
Status Date:						
Bypassed - Item:	1	Variability Explanation (	A&H)			
Bypass Reason:		Not applicable as this is	not a form filing.			
Attachment(s):						
Item Status:						
Status Date:						
Satisfied - Item:	-	Tailored Benefit Reducti	ons Letter			
Comments:						
Attachment(s):		PA_Highmark BS_Tailo	red Benefit Redu	ctions_Simplicity_	20170309.pdf	
Item Status:				· · ·		
Status Date:						
Satisfied - Item:		Claims and Administration	on Processing Pl	an		
Comments:			<u> </u>			
Attachment(s):		MedAmerica Claims Pro	cedures_201601	28.pdf		
Item Status:			<u>-</u>	•		
Status Date:						

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

Product Name: Long-Term Care

**Project Name/Number:** MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

Satisfied - Item:	Numerical Data in Excel
Comments:	
Attachment(s):	PA_Supplement Attachments_20170307.xlsb
Item Status:	
Status Date:	

State: Pennsylvania Filing Company: Highmark Inc

TOI/Sub-TOI: LTC03I Individual Long Term Care/LTC03I.001 Qualified

**Product Name:** Long-Term Care

Project Name/Number: MedAmerica Nationwide 2017 Rate Increase /145MAI01-60.06

Attachment PA\_Supplement Attachments\_20170307.xlsb is not a PDF document and cannot be reproduced here.



8500 Normandale Lake Blvd. Suite 1850 Minneapolis, MN 55437-3830

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March 7, 2017

Honorable Teresa Miller Commissioner of Insurance Pennsylvania Department of Insurance (Department)

1326 Strawberry Square Harrisburg, Pennsylvania 17120

Via SERFF

Re: Highmark Blue Shield (Highmark BS)

Company NAIC # 54771

SERFF Tracking # MILL-130951723

Tax-Qualified Long-Term Care Policy Form SPL-336-HMBSPA Tax-Qualified Franchise Long-Term Care Policy Form FSPL-336-HMBSPA

#### Dear Commissioner Miller:

On behalf of Highmark BS, we are submitting the referenced rate filing for your review. These are existing individual policy forms that provide long-term care coverage. The company issued these forms in Pennsylvania from August 1, 2006 to May 1, 2010. The forms are no longer being marketed in any jurisdiction. The company's affinity partners, MedAmerica Insurance Company (MedAmerica) and Highmark Blue Cross Blue Shield, are making similar requests on their Simplicity forms in concurrent filings (SERFF Tracking # MILL-130946990 and SERFF Tracking # MILL-130951721).

The company is requesting a premium rate increase be filed for use on the above-listed forms, including all associated riders. These forms are in need of a premium rate increase due to emerging and projected experience running more adverse than previously expected.

The company is requesting a premium rate increase that varies by issue age and inflation option as shown in Exhibit I of the enclosed actuarial memorandum. The cumulative rate increase shown in Exhibit I was determined to allow certification to rate stability, where applicable, and varies by issue age and inflation option to better align the rate increase with the adverse experience. The company is requesting a premium rate increase on the above-listed forms as shown in the following table.



		uested Increase tral Age	Cumulative Prior		ested Increase tral Age
Issue Ages	No Inflation	Auto Inflation	Increase	No Inflation	Auto Inflation
<40	191%	264%	92.0%	51.6%	89.6%
40-44	191	264	87.2	55.4	94.4
45-49	171	239	79.9	50.6	88.4
50-54	155	219	75.2	45.6	82.1
55-59	144	205	65.5	47.4	84.3
60-64	124	180	54.8	44.7	80.9
65-69	101	151	44.0	39.6	74.3
70-74	83	129	35.6	35.0	68.9
75+	63	104	20.0	35.8	70.0

The cumulative prior increase reflects the four prior increases that the Department filed for use in June 2013, September 2014, July 2015, and September 2016. The company is seeking this current rate increase request to achieve what it believes is needed to alleviate the poor performance on this block of business.

Similar to the prior increases, the company will offer insureds affected by the premium increase the option of reducing their policy benefits to provide flexibility of choice for those insureds who wish to maintain a premium level reasonably similar to what they were paying prior to the rate increase. Policyholders who prefer to offset the impact of the requested rate increase may have the option to change one or more of the following plan features to lower their premiums (subject to the minimum benefit options available on the form): (i) reduce their monthly benefit; (ii) shorten their benefit period; (iii) lengthen their elimination period; (iv) reduce their inflation protection (e.g., compound inflation to simple or no inflation); or (v) drop rider coverage. Additionally, where available, tailored benefit reductions (a.k.a., "landing spots") will be offered on policies with lifetime inflation protection in addition to standard rate increase mitigation options. Enclosed with this submission is a letter describing these tailored benefit reduction options, which includes detail regarding the development and justification for the options.

The company will offer a contingent benefit upon lapse to insureds that trigger a substantial rate increase. Additionally, the company will voluntarily offer a contingent benefit upon lapse to insureds affected by the rate increase, even if the increase is not considered substantial. If the cumulative requested rate increase is filed for use, a majority of policyholders will be eligible for a contingent benefit upon lapse.

To comply with rate stability regulation in this jurisdiction, enclosed with this filing is a plan, subject to the Department's approval, which demonstrates that appropriate administration and claims processing procedures are in effect.

The following electronic items are included with this submission:

- cover letter
- letter from Highmark BS authorizing us to submit this filing on their behalf
- tailored benefit reduction options letter
- · claims and administration processing plan, as provided by MedAmerica
- actuarial memorandum
- a supplement to the actuarial memorandum
- Microsoft Excel spreadsheet of all numerical data
- current and proposed premium rate schedules

No filing fee is required for this submission.



The contact person for this filing is:

Shawn Stender Assistant Actuary Milliman, Inc. 8500 Normandale Lake Blvd., Suite 1850 Minneapolis, MN 55437 (952) 820-3104 shawn.stender@milliman.com

Thank you for your assistance in reviewing this filing.

Respectfully,

Missy Gordon, FSA, MAAA Principal and Consulting Actuary

MAG/btj

**Enclosures** 

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

Product
Tax-Qualified Long-Term Care Policy Form
Tax-Qualified Franchise Long-Term Care Policy Form

Number SPL-336-HMBSPA FSPL-336-HMBSPA

These are individual policy forms that provide long-term care coverage on a cash basis. Highmark Blue Shield (Highmark BS) issued these forms in Pennsylvania from August 2006 through May 2010. The forms are no longer being marketed in any jurisdiction.

The experience provided in this actuarial memorandum reflects the combined experience of the policy forms listed above as well as similar nationwide forms of the same product series. Additionally, the company's affinity partners, MedAmerica Insurance Company (MedAmerica) and Highmark Blue Cross Blue Shield (Highmark BCBS) are making similar requests on their Simplicity policy forms in concurrent filings (SERFF tracking numbers MILL-130946990 and MILL-130951721, respectively). This filing includes the experience of the affinity company policy forms for which a rate increase is being requested in concurrent filings. Section 14 provides a description as to the appropriateness of pooling the experience of these policy forms.

#### 1. Purpose of Filing

This actuarial memorandum has been prepared for the purpose of demonstrating that the cumulative requested rate increase, as shown in Exhibit I, meets the minimum requirements of your jurisdiction and demonstrating compliance with its pre- and post-rate stability regulation, where applicable. It may not be suitable for other purposes.

#### 2. Description of Benefits

These are federally tax-qualified, individually underwritten policy forms that provide comprehensive coverage on a cash basis. Riders that convert the coverage to either facility only or community care only may have been available at issue. They have benefit eligibility requirements that involve activities of daily living (ADL) deficiencies or cognitive impairment. Waiver of premium is provided when certain benefits are being paid. A monthly benefit, benefit period, and elimination period were selected at issue.

At issue, the insured may have had the option to choose one of three riders providing inflation protection: simple inflation, compound inflation with no maximum, or compound inflation with a maximum of two times the original benefit amount. The simple inflation option provides for benefit levels that increase on each anniversary date by 5% of the daily benefit amount chosen at issue for as long as the policy is in force. The compound inflation option with no maximum provides for benefit levels that increase on each anniversary date by 5% compounded annually for as long as the policy is in force. The compound inflation option with a maximum of two times the original benefit amount provides for benefit levels that increase on each anniversary date by 5% compounded annually while the policy is in force, but limits the increase to two times the original benefit amount. The increasing benefits apply even when the insured is in claim status.

The available choices for benefit period, elimination period, and inflation option are shown in Section 21.

At issue the insured may have had the option of selecting riders that provide the following types of coverage: restoration of benefits, return of premium, shortened benefit period, shared care, shared waiver, or survivorship benefit. The insured may have had the option to select a lifetime, ten-year, paid up at age 65, reduced premiums at attained age 65, or reduced premiums at attained age 70 premium payment option.

A contingent benefit upon lapse (CBUL) will be available to all insureds at the time of the rate increase.

#### 3. Renewability

These policies are guaranteed renewable for life.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

#### 4. Applicability

This rate increase applies to all policies issued on this form in this state. The rate changes will apply to the premium of the base form and all applicable options and riders associated with the base form.

#### 5. Actuarial Assumptions

The following assumptions are used to project the experience shown in this filing.

- a. Morbidity reflects claim costs developed using the 2014 Milliman Long-Term Care Guidelines (Guidelines) with adjustments for an all-lives exposure basis. The claim costs were further adjusted based on historical claim experience by attained age, duration, and coverage type, to the extent credible. One year of retrospective improvement was applied to bring these assumptions forward to 2015 using scalars of 0.990 for females and 0.985 for males.
- b. Mortality Rates reflect the 1994 Group Annuitant Mortality (GAM) Static gender-distinct table with 21 years of retrospective improvement applied to bring this table forward to 2015 using scalars of 0.900 for females and 0.810 for males. These mortality rates are further adjusted based on historical mortality experience by issue age band and duration. The adjustment factors are shown in the following table.

	Mortality Durational Adjustment Factors											
						Issue	Age					
Duration*	<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+
1	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	20%
2	35	35	35	35	35	35	35	35	35	35	35	30
3	40	40	40	40	40	40	40	40	40	40	40	45
4	43	43	43	43	43	43	43	43	44	45	45	50
5	46	46	46	46	46	46	46	46	48	50	50	55
6	49	49	49	49	49	49	49	49	52	55	55	60
7	52	52	52	52	52	52	52	52	56	60	60	65
8	55	55	55	55	55	55	55	55	60	65	65	70
9	56	56	56	56	56	56	56	56	61	68	69	76
10	57	57	57	57	57	57	57	57	62	71	73	82
11	58	58	58	58	58	58	58	58	63	74	77	88
12	59	59	59	59	59	59	59	59	64	77	81	94
13	60	60	60	60	60	60	60	60	65	80	85	100
14	62	62	62	62	62	62	62	62	69	82	88	101
15	64	64	64	64	64	64	64	64	73	84	91	102
16	66	66	66	66	66	66	66	66	77	86	94	103
17	68	68	68	68	68	68	68	68	81	88	97	104
18	70	70	70	70	70	70	70	70	85	90	100	105
23	70	70	70	70	70	70	70	85	90	100	105	105
28	70	70	70	70	70	70	85	90	100	105	105	105
33	70	70	70	70	70	85	90	100	105	105	105	105
38	70	70	70	70	85	90	100	105	105	105	105	105
43	70	70	70	85	90	100	105	105	105	105	105	105
48	70	70	85	90	100	105	105	105	105	105	105	105
53	70	85	90	100	105	105	105	105	105	105	105	105
58	85	90	100	105	105	105	105	105	105	105	105	105
63	90	100	105	105	105	105	105	105	105	105	105	105
68	100	105	105	105	105	105	105	105	105	105	105	105
73+	105	105	105	105	105	105	105	105	105	105	105	105

<sup>\*</sup> The assumption varies by duration for 18+, but is shown every five years for display purposes.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

c. <u>Voluntary Lapse Rates</u> vary by policy duration as shown in the table below.

Duration	Lifetime-Pay Voluntary Lapse Rate
1	8.00%
2	6.50
3	5.00
4	4.00
5	3.50
6	2.50
7	2.25
8	1.50
9	0.75
10+	0.60

The lapse rates in the above table were adjusted based on the following criteria for the limited-pay options:

- For the ten-pay option, a reduction of 65% of the above lapse rates is assumed for durations one through four, a reduction of 70% of the above lapse rates is assumed for durations five through eight, and 0% lapse thereafter.
- For the paid up at age 65 option, a reduction of 50% of the above lapse rates is assumed until age 55, a reduction of 75% of the above lapse rates is assumed for ages 55 to 59, and 0% lapse thereafter.
- For the reduced after age 65 and reduced after age 70 payment options, a reduction of 50% of the above lapse rates is assumed until age 60 or 65, respectively, and a reduction of 75% of the above lapse rates thereafter.
- d. <u>Benefit Expiry Rates</u> reflect assumed policy termination due to exhaustion of benefits on limited benefit period policies. The rates are based on the *Guidelines* with adjustments for historical benefit expiry experience and vary by gender, benefit period, and attained age as shown in the following table.

	Benefit	Attained Age*										
Gender	Period in Years	<65	65	70	75	80	85	90	95	100	105	110+
Female	2	0.0%	0.0%	0.1%	0.2%	0.5%	1.6%	4.5%	8.7%	11.7%	16.3%	33.0%
	3	0.0	0.0	0.1	0.1	0.4	1.2	3.4	6.9	9.7	15.0	33.0
	4	0.0	0.0	0.0	0.1	0.3	1.0	2.5	5.0	7.8	13.2	33.0
	5	0.0	0.0	0.0	0.1	0.2	0.7	1.7	3.8	6.3	11.2	33.0
	7	0.0	0.0	0.0	0.0	0.0	0.1	0.3	8.0	1.7	2.8	33.0
	Unlimited	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male	2	0.0	0.0	0.1	0.1	0.3	1.0	2.5	4.3	5.4	7.3	33.0
	3	0.0	0.0	0.1	0.1	0.2	0.7	1.7	3.0	4.0	5.8	33.0
	4	0.0	0.0	0.0	0.1	0.1	0.4	1.1	2.0	2.8	4.6	33.0
	5	0.0	0.0	0.0	0.0	0.1	0.3	8.0	1.5	2.3	3.6	33.0
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	33.0
	Unlimited	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>\*</sup> The assumption varies by attained age, but is shown every five years for display purposes.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

e. <u>Policyholder Behavior Due to the Rate Increase</u>. At the time of a rate increase, insureds have the option to elect a CBUL or reduced benefit options (RBO). An increase in morbidity for adverse selection due to the rate increase based on the percentage of policies that elect CBUL and RBO is assumed

Based on the average cumulative requested rate increase level, 8% of in-force lifetime-pay policies are assumed to elect CBUL, regardless of the size of the rate increase. No CBUL elections are assumed for limited-pay policies. Policyholders who elect a CBUL are modeled as a lapse (i.e., the CBUL benefit is not modeled), which results in a slightly lower lifetime loss ratio than if the CBUL benefit had been modeled. We assume an increase in morbidity for adverse selection due to the rate increase based on the percentage of policies that elect CBUL. For lifetime-pay policies, this increase in morbidity is approximately 2%.

Based on the cumulative requested rate increase level, 20% of in-force policyholders (regardless of payment option) are assumed to elect RBO. The reduction in premiums and benefits due to the impact of RBO election varies based on the level of the rate increase.

- f. <u>Interest Rate</u> of 5.00% is used for accumulating and discounting earned premiums and incurred claims in the calculation of cumulative loss ratios. This rate represents MedAmerica's expectation of its long-term investment earnings rate, which is supported by the average net investment earnings rate projected for MedAmerica's cash flow testing. The maximum valuation interest rate is used to demonstrate compliance with the 58%/85% test required by rate stability regulation, as described in Section 18 below.
- g. Annual Improvement in the mortality and morbidity assumptions is assumed for 15 years starting in 2016. Annual mortality improvement is assumed to be 0.5% and 1.0% for females and males, respectively. Annual morbidity improvement is assumed to be 1.0% and 1.5% for females and males, respectively.
- h. <u>Expenses</u> have not been explicitly projected. Originally filed expense assumptions are assumed to remain appropriate, except that reductions are made to the renewal commission rates so that the total commissions paid before and after any increase in premium are similar (i.e., commissions are not paid on the increased premium).

The above assumptions are based on the experience of MedAmerica and its affinity partners that issued the same products, industry experience, and judgment. These assumptions are based on the experience of the particular policy forms in this filing and other similar policy forms where appropriate. In developing the persistency assumptions, policy termination experience through December 31, 2015 was used, whereas for the morbidity assumption, claim experience through December 31, 2014 was used. The above assumptions are deemed reasonable for the particular policy forms in this filing and are considered "most likely" (without explicit margin).

In establishing the assumptions described in this section, the policy design, underwriting, and claims adjudication practices for the above-referenced policy forms were taken into consideration. Appendix A to this memorandum provides a description of the development of and justification for the assumptions used in this filing.

The company is not currently marketing long-term care products. As a result, the requirement to reflect on any assumptions that deviate from those used for pricing other forms currently available for sale is not applicable.

#### 6. Marketing Method

These policy forms were marketed by agents and brokers of the company.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

March 7, 2017

#### 7. Underwriting Description

Policies were fully underwritten.

The company used various underwriting tools in addition to the application, which may have included medical records, an attending physician's statement, prescription screen, telephone interview, and/or face-to-face assessment. Employer sponsored groups were eligible for reduced underwriting for actively at work employees age 65 and less.

#### 8. Premiums

Premiums are unisex and payable for life unless the insured selected a limited premium payment option. The premiums may vary by issue age, benefit period, initial monthly benefit, community care level, elimination period, inflation option, premium payment option, underwriting rate category, marital discounts, employer sponsored/multi-life discounts, and the selection of any riders.

#### 9. Issue Age Range

Issue ages are from 18 to 85.

#### 10. Area Factors

Area factors are not used for these products.

#### 11. Premium Modalization Rules

The following modal factors and percent distributions (based on the nationwide in-force count as of December 31, 2015 of the company and its affinity partners) are applied to the annual premium (AP):

Premium Mode	Modal Factors	Percent Distribution		
Annual	1.00*AP	44%		
Semi-Annual	0.52*AP	6		
Quarterly	0.26*AP	22		
Monthly	0.09*AP	28		

#### 12. Reserves

Active life reserves and reserves for the election of a CBUL have not been used in this rate increase analysis. Claim reserves as of December 31, 2015 have been discounted to the incurral date of each respective claim and included in historical incurred claims. An incurred but not reported (IBNR) reserve balance as of December 31, 2015 has been allocated to the 2015 calendar year and included in historical incurred claims.

#### 13. Trend Assumptions

As this is not medical insurance, an explicit medical cost trend is not included in the projections.

#### 14. Actual to Expected Experience

This filing uses nationwide experience of MedAmerica and its affinity partners that issued the above-listed forms and similar nationwide policy forms. Pooling MedAmerica's experience with its affinity partners' is considered appropriate because the products issued by each affinity partner are identical to those included in this filing, the marketing and distribution employed by each affinity partner is similar to that of MedAmerica, and because the same company (MedAmerica) administers and manages the

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### Simplicity Actuarial Memorandum

#### March 7, 2017

entire block (including underwriting and claims handling). MedAmerica has 50% to 100% of the risk of the affinity partner forms via reinsurance arrangements with each affinity partner.

Exhibit II provides a comparison of actual and projected experience using current assumptions to that expected using original pricing assumptions. Values in Exhibit II are shown (a) before and (b) after the requested rate increase. Included are calendar year earned premiums, incurred claims, end of year lives, annual loss ratios, cumulative loss ratios, and the ratio of actual-to-expected (A:E) loss ratios.

Exhibit III provides A:E lifetime loss ratios by (a) issue age band and (b) inflation option (no inflation versus automatic inflation), which are subsets of the actual and expected nationwide experience underlying Exhibit II.

Actual experience is provided from inception through 2015 and then projected on a seriatim basis for 60 years using the current assumptions described above in Section 5. The actual and projected experience is based on nationwide premiums that reflect prior rate increases filed for use between 2012 and 2016, which average 48% across all jurisdictions. The after increase projected experience reflects the additional increase needed to achieve the cumulative increase on a seriatim basis.

Expected experience was projected on a seriatim basis from issue using the original pricing assumptions and the actual mix of policies sold.

Exhibit IV provides a comparison of the current and original pricing assumptions, which underlie the actual and expected experience described above.

#### 15. History of Previous Rate Revisions

In this jurisdiction, an average cumulative increase of 67% has been filed for use on these forms. The department of insurance filed these increases for use in June 2013, September 2014, July 2015, and September 2016.

Nationwide, there have been two prior rate increase requests on this block of business, which began in December 2012. On average, a cumulative increase of 48% has been filed for use on the above-listed forms and similar nationwide forms. Departments of insurance filed these increases for use between 2012 and 2016.

Regardless of the prior increase implemented in a particular jurisdiction, the company anticipates requesting an actuarially equivalent cumulative rate increase level in all jurisdictions, except where it is not cost effective to file an increase due to the limited amount of in-force business or regulatory requirements.

#### 16. Analysis Performed to Consider a Rate Increase

Exhibit II demonstrates that experience has been more adverse from that expected in original pricing as the A:E loss ratio exceeds 1.0. The adverse experience is due to a combination of higher morbidity, higher persistency, and lower interest.

Exhibit V provides a comparison of actual and projected nationwide experience to that expected in pricing with respect to morbidity, mortality, lapse, interest, and improvement. Please note that to isolate the impact of each changed assumption from pricing, the experience in Exhibit V has been restated to reflect no prior rate increases.

This rate increase request is a follow-up to the 2012 nationwide rate increase request. It is intended to achieve a rate increase level which the company believes is needed to alleviate the poor performance on this block of business. As a part of the 2012 nationwide request, the company certified that rates would remain stable under moderately adverse experience (MAE) if the rate increase was approved as requested. The certification required that experience deteriorate past the company's threshold for MAE, which was defined as a lifetime loss ratio of 85%.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

March 7, 2017

Exhibit II-a demonstrates that the lifetime loss ratio of 110% before the requested rate increase using current assumptions has deteriorated beyond the 85% lifetime loss ratio threshold, and as a result additional rate increases could be considered.

A comparison of the current assumptions used in this filing and the assumptions used in the 2012 nationwide request is provided in Exhibit VI.

#### 17. Requested Rate Increase

The company is requesting a rate increase that varies by issue age and inflation option as shown in the following table. The company is seeking this current rate increase request to achieve what it believes is needed to alleviate the poor performance on this block of business. While a significantly larger rate increase is needed to restore the performance to the original pricing expectation, the company is willing to shoulder a portion of the needed rate increase for consumers.

The cumulative rate increase levels were determined to allow certification to rate stability, where applicable, and vary by issue age and inflation option to better align the rate increase with the adverse experience. The company's goal is equity across all jurisdictions, to the extent practical. The rate increase was determined in such a way that minimizes subsidization across jurisdictions due to differences in the previously filed rate increases.

The table below provides the cumulative requested increase by issue age band and inflation option cohort, as well as the average cumulative prior increase and resulting current requested premium rate increase based on the nationwide distribution of combined business as of December 31, 2015.

		Requested Central Age	Cumulative Average	Current Average Requested Increase for Age Band		
Issue Ages	No Inflation	Auto Inflation	Prior Increase	No Inflation	Auto Inflation	
<40	191%	264%	70.5%	98.2%	110.6%	
40-44	191	264	68.8	85.5	114.0	
45-49	171	239	57.1	77.2	113.4	
50-54	155	219	55.2	61.1	105.6	
55-59	144	205	49.1	61.9	104.4	
60-64	124	180	42.7	53.7	98.1	
65-69	101	151	32.5	48.4	93.9	
70-74	83	129	24.3	45.1	89.0	
75+	63	104	15.2	44.8	99.2	

The cumulative rate increase was determined such that the business would break even going forward under moderately adverse conditions for all policies (i.e., 0% profit margin going forward).

Company management has indicated that if the requested rate increase described above is filed for use, no future premium rate increases are anticipated unless experience deteriorates beyond an 87% lifetime loss ratio. Moderately adverse experience (MAE) for the purposes of certification to rate stability is then defined as an approximate 10% multiplicative increase in the lifetime loss ratio, as shown in Exhibit II-b (i.e.,  $87\% \approx 1.10 \times 79\%$  after increase lifetime loss ratio). This 10% multiplicative increase may be due to any combination of deterioration in the experience from that expected using the current assumptions described in Section 5.

Corresponding rate tables reflecting the proposed rate increases for policy forms affected by this rate increase are enclosed with this filing. Please note that the actual rates implemented may vary from those in the enclosed rate tables slightly due to implementation rounding algorithms.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

As the company is not currently marketing new business, the required statement that the renewal premium rate schedules are not greater than the new business premium rate schedules is not applicable.

#### 18. Demonstration of Satisfaction of Loss Ratio Requirements

Projected experience assuming the requested increase is implemented is shown in Exhibit II. As shown in Exhibit II, the anticipated lifetime loss ratio without and with the requested rate increase exceeds that expected in original pricing. The projected lifetime loss ratio after the requested increase using the maximum valuation interest rate for contract reserves applicable for the year of issue (ranges from 3.5% to 4.5% and averages 4.1%) is 91%, which is well in excess of the minimum loss ratio required by loss ratio regulation.

Exhibit VII provides a demonstration that the requested rate increase meets the 58%/85% test required by rate stability regulation. This exhibit shows that the sum of the accumulated value of incurred claims without the inclusion of active life reserves, and the present value of projected incurred claims, without the inclusion of active life reserves, will not be less than the sum of the following:

- 1. Accumulated value of the initial earned premium times 58%,
- 2. 85% of the accumulated value of prior premium rate schedule increases.
- 3. Present value of projected initial earned premium times 58%, and
- 4. 85% of the present value of projected premium in excess of the projected initial earned premium.

While the majority of policies subject to this rate increase are eligible for a CBUL, an alternative version of the 58%/85% test is not provided per rate stability regulation, as the original pricing lifetime loss ratio of 57% is not greater than 58%.

The projected incurred claims in Exhibit VII were increased by 11% from the current assumptions described in Section 5 to reflect assumptions that include moderately adverse conditions. An 11% increase in projected incurred claims was determined as one scenario that results in a lifetime loss ratio of 87% (which is the threshold for MAE as described above). It is among many possible alternative adverse experience scenarios, but considered one of the simplest since it involves only one assumption shift. Present and accumulated values in Exhibit VII are determined at the maximum valuation interest rate for contract reserves applicable for the year of issue, which as described above, averages 4.1%.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

#### 19. Average Annual Premium in Pennsylvania (Based on December 31, 2015 In-Force<sup>[1]</sup>)

The number of insureds and the corresponding average annual premium that will be affected by this and the identical, concurrent rate increase filings are:

Issue Ages	In-Force Insured Count	With Prior Increase Premium	After Requested Increase Premium						
	Pennsylvania	- MedAmerica							
<40	18	\$1,576	\$2,981						
40-44	24	1,753	3,344						
45-49	45	2,259	4,189						
50-54	88	2,224	4,003						
55-59	65	2,918	5,256						
60-64	43	3,165	5,638						
65-69	22	4,140	6,770						
70-74	13	4,777	6,900						
75+	3	4,637	6,602						
All Ages	321	2,681	4,726						
	Pennsylvania - Highmark BCBS								
<40	36	\$676	\$1,278						
40-44	28	1,544	3,001						
45-49	66	1,926	3,615						
50-54	120	2,081	3,765						
55-59	98	2,459	4,496						
60-64	52	2,872	5,185						
65-69	8	2,444	3,972						
70-74	4	3,992	6,074						
75+	1	2,829	4,126						
All Ages	413	2,114	3,852						
	Pennsylvania -	- Highmark BS							
<40	52	\$788	\$1,481						
40-44	41	1,472	2,856						
45-49	66	2,249	4,202						
50-54	111	3,040	5,519						
55-59	116	3,373	6,142						
60-64	59	3,082	5,648						
65-69	10	4,555	7,744						
70-74	1	2,064	2,815						
75+	1	4,704	6,861						
All Ages	457	2,653	4,851						

<sup>[1]</sup> Excludes policies assumed to be paid up prior to implementation of the requested rate increase. Annualized premium reflects all rate increases filed for use nationwide as of December 31, 2016.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

#### 20. Proposed Effective Date

This rate increase will apply to policies on their next premium payment date following at least a 60-day policyholder notification period following being filed for use by the department of insurance, but no sooner than 12 months after the prior rate increase was effective.

#### 21. Distribution of Business as of December 31, 2015 (Based on Nationwide In-Force Insured Count)

Issue Ages	Percent Distribution
<40	8%
40-44	8
45-49	13
50-54	21
55-59	24
60-64	16
65-69	7
70-74	3
75+	<1

Elimination Period	Percent Distribution
30-Day	<1
60-Day	6
90-Day	52
180-Day	10

Benefit Period	Percent Distribution
2-Year	10%
3-Year	31
4-Year	18
5-Year	21
7-Year	11
Lifetime	9

Inflation Option	Percent Distribution
None	24%
Simple for Life	27
Compound for Life	17
Compound with 2x Max	32

Premium Payment Option	Percent Distribution
Ten-Pay	12%
Pay to Age 65	3
Reduced at Age 70	<1
Reduced at Age 65	<1
Lifetime-Pay	85

Coverage Type	Percent Distribution
Facility Only	3%
Comprehensive	95
Home Health Only	2

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

March 7, 2017

#### 22. Number of Insureds and Annualized Premium (Based on December 31, 2015 In-Force<sup>[1]</sup>)

The number of insureds and annualized premium that will be affected by this and the identical, concurrent rate increase filings are:

Inflation Option	Number of Insureds	Annualized Premium							
Pennsylvania - MedAmerica									
No Inflation	61	\$139,896							
Auto Inflation	260	720,797							
Total	321	860,692							
F	Pennsylvania - Highmark B	CBS							
No Inflation	27	\$42,021							
Auto Inflation	386	830,999							
Total	413	873,020							
	Pennsylvania - Highmark	BS							
No Inflation	41	\$43,031							
Auto Inflation	416	1,169,509							
Total	457	1,212,540							
Nationw	de - MedAmerica and Affir	nity Partners							
No Inflation	4,087	\$7,689,038							
Auto Inflation	12,590	32,246,450							
Total	16,677	39,944,488							

<sup>[1]</sup> Excludes policies assumed to be paid up prior to implementation of the requested rate increase. Annualized premium reflects all rate increases filed for use nationwide as of December 31, 2016.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Actuarial Memorandum**

#### March 7, 2017

#### 23. Actuarial Certification

I am a Principal and Consulting Actuary for Milliman, Inc. and retained by MedAmerica to render an opinion with regard to long-term care insurance rates. I am a member of the American Academy of Actuaries. I meet the Academy's qualification standards to render this actuarial opinion and am familiar with the requirements for filing long-term care insurance premiums and rate increases.

This memorandum has been prepared in conformity with all applicable Actuarial Standards of Practice, including Actuarial Standards of Practice No. 8, "Regulatory Filings for Health Benefits, Accident and Health Insurance, and Entities Providing Health Benefits" and 18, "Long-Term Care Insurance".

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of this jurisdiction and the rules of the department of insurance.

In my opinion, the rates are not excessive or unfairly discriminatory, and bear reasonable relationship to the benefits based on the loss ratio standards of this jurisdiction. If the requested premium rate schedule increase is implemented and the underlying assumptions, with moderately adverse conditions reflected, are realized, no further premium rate schedule increases are anticipated. Moderately adverse conditions are defined as any combination of deterioration in the experience or assumptions that results in a lifetime loss ratio in excess of 87%.

In forming my opinion, I have used actuarial assumptions and actuarial methods (which gave consideration to policy design, underwriting, and claim adjudication) and such tests of the actuarial calculations as I considered necessary. Based on these assumptions, or statutory requirements where necessary, the premium rate filing is in compliance with the loss ratio standards of this jurisdiction.

I have relied on data and information provided by MedAmerica to develop this memorandum, including but not limited to management's view of when a rate change may be considered, policy design, underwriting and claim adjudication process, seriatim in-force data, claim data, and the company's long-term earnings rate. I have not audited or independently verified the data and information provided, but have reviewed it for reasonableness.

The basis for contract reserves has been previously filed and there is no anticipation of any changes.

Missy Gordon, FSA, MAAA Principal and Consulting Actuary

Date: March 7, 2017

Exhibit I

MedAmerica and Affinity Partners

Cumulative Requested Rate Increases by Issue Age and Inflation Option

Individual Simplicity Policy Forms

Issue	Requested Rate Increase					
Age	No Inflation	Auto Inflation				
< 45	191%	264%				
45	181%	251%				
46	176%	245%				
47	171%	239%				
48	166%	233%				
49	160%	225%				
50	159%	224%				
51	157%	221%				
52	155%	219%				
53	153%	216%				
54	151%	214%				
55	151%	214%				
56	147%	209%				
57	144%	205%				
58	140%	200%				
59	137%	196%				
60	137%	196%				
61	130%	188%				
62	124%	180%				
63	117%	171%				
64	111%	164%				

Issue	Requested F	Rate Increase
Age	No Inflation	Auto Inflation
65	111%	164%
66	106%	158%
67	101%	151%
68	95%	144%
69	90%	138%
70	87%	134%
71	85%	131%
72	83%	129%
73	81%	126%
74	79%	124%
75	79%	124%
76	75%	119%
77	72%	115%
78	69%	111%
79	66%	108%
80	63%	104%
81	60%	100%
82	56%	95%
83	53%	91%
84	50%	88%
85	47%	84%

#### Exhibit II-a MedAmerica and Affinity Partners Actual-to-Expected Experience by Calendar Year Nationwide Experience Before Requested Rate Increase Individual Simplicity Policy Forms

		Actual or Projected Experience			Expected Experience							
			using Current				using Pricing	Assumptions		Cumulative	Loss Ratios with	
		Α	В	C = B / A	D	E	F	G = F / E	Н	'	J	K = I / J
										Actual	Expected	
	1									(Column C)	(Column G)	Actual-to-
	Calendar	Earned	Incurred	Incurred	End of Year	Earned	Incurred	Incurred	End of Year	with	with Average	Expected
	Year	Premium	Claims	Loss Ratio	Lives	Premium	Claims	Loss Ratio	Lives	5.00% Interest	6.32% Interest	Ratio
	2004	1,941,153	299,291	15%	3,079	1,902,060	36,483	2%	3,051	15%	2%	8.51
	2005	11,088,025	704,251	6%	8,664	10,863,692	219,931	2%	8,484	8%	2%	4.06
	2006	21,605,207	127,091	1%	16,067	20,808,074	507,047	2%	15,530	3%	2%	1.56
	2007	32,554,109	1,363,064	4%	20,862	30,856,506	914,413	3%	20,073	4%	2%	1.51
	2008	37,074,883	2,659,125	7%	21,433	34,518,109	1,365,550	4%	20,429	5%	3%	1.68
Historical	2009 2010	36,623,936 35,876,465	1,839,631	5% 9%	20,618 20,166	33,842,920 33,072,668	1,893,481 2,528,376	6% 8%	19,850 19,382	5% 6%	4% 4%	1.40 1.34
Experience	2010	35,545,280	3,136,089 4,246,324	9% 12%	19,805	32,470,664	2,528,376 3,260,407	10%	19,382	7%	4% 5%	1.34
	2011	35,553,824	4,959,190	14%	19,771	32,186,636	4,026,542	13%	18,944	7%	6%	1.28
	2013	36,436,493	6,016,975	17%	19,563	32,719,659	4,796,720	15%	19,053	8%	7%	1.26
	2014	37,234,064	9,259,163	25%	18,840	31,768,231	5,556,906	17%	18,459	10%	8%	1.31
	2015	36,342,924	9,398,050	26%	18,410	29,228,037	6,334,858	22%	17,904	11%	9%	1.32
	2016	34,634,079	8,510,609	25%	18,061	26,471,470	7,163,810	27%	17,368	12%	10%	1.27
	2017	33,253,541	9,549,259	29%	17,459	23,547,091	8,060,674	34%	16,839	13%	11%	1.24
	2018	33,055,429	10,834,877	33%	17,152	21,551,925	9,046,859	42%	16,312	14%	12%	1.21
	2019	32,765,017	12,528,546	38%	16,870	20,425,228	10,107,274	49%	15,786	15%	13%	1.18
	2020	32,219,384	14,515,918	45%	16,579	19,369,598	11,139,212	58%	15,256	17%	14%	1.17
	2021	31,392,415	16,749,226	53%	16,275	18,423,205	12,177,165	66%	14,725	18%	15%	1.17
	2022 2023	30,424,680	19,188,779	63% 74%	15,957	17,434,868	13,252,967	76% 89%	14,191	20% 21%	17% 18%	1.17 1.18
Projected	2023	29,301,241 28,312,456	21,797,481 24,606,080	74% 87%	15,620 15,267	16,320,437 15,383,420	14,459,044 15,822,765	103%	13,656 13,119	23%	19%	1.18
Future	2024	27,358,698	27,636,117	101%	14,895	14,511,754	17,291,976	119%	12,581	25%	21%	1.19
Experience	2026	26,385,972	30,938,405	117%	14,507	13,661,048	18,880,586	138%	12,044	27%	22%	1.21
(60 Years)	2027	25,396,334	34,587,011	136%	14,103	12,832,306	20,589,053	160%	11,506	29%	24%	1.23
(00 100.0)	2028	24,358,661	38,529,695	158%	13,681	12,012,357	22,409,351	187%	10,971	31%	25%	1.25
	2029	23,297,809	42,692,609	183%	13,243	11,208,572	24,337,805	217%	10,438	34%	27%	1.26
	2030	22,254,910	47,022,921	211%	12,792	10,434,299	26,332,140	252%	9,909	36%	28%	1.28
	2031	21,185,623	51,892,709	245%	12,327	9,679,712	28,359,526	293%	9,384	39%	30%	1.30
	2032	20,114,855	57,375,054	285%	11,850	8,957,287	30,387,727	339%	8,867	42%	31%	1.33
	2033	19,049,653	63,193,771	332%	11,363	8,266,403	32,379,159	392%	8,357	44%	33%	1.35
	2034	17,964,632	69,001,534	384%	10,867	7,594,319	34,320,785	452%	7,857	48%	35%	1.38
	2035	16,893,719	74,726,237	442%	10,366	6,954,725	36,152,955	520%	7,367	51%	36%	1.40
	2036	15,832,847	80,283,140	507%	9,860	6,343,946	37,826,331	596%	6,889	54%	38%	1.43
	2037	14,779,784	85,597,279	579%	9,351	5,763,017	39,329,020	682%	6,424	57%	39% 41%	1.46
	2038 2039	13,738,171 12,733,079	90,663,825 95,260,797	660% 748%	8,842 8,336	5,212,251 4,699,200	40,628,836 41,689,286	779% 887%	5,974 5,540	60% 64%	41%	1.49 1.51
	2040	11,755,366	99,217,328	844%	7,834	4,217,866	42,481,187	1,007%	5,122	67%	44%	1.54
	2041	10,810,791	102,316,274	946%	7,339	3,772,451	42,968,808	1,139%	4,722	70%	45%	1.57
	2042	9,900,211	104,632,773	1,057%	6,854	3,357,489	43,152,149	1,285%	4,340	74%	46%	1.60
	2043	9,030,566	106,107,987	1,175%	6,380	2,977,403	43,029,951	1,445%	3,978	77%	47%	1.62
	2044	8,204,973	106,854,191	1,302%	5,920	2,629,714	42,613,190	1,620%	3,634	80%	48%	1.65
	2045	7,425,912	106,854,672	1,439%	5,476	2,313,397	41,923,354	1,812%	3,311	82%	49%	1.67
	2046	6,695,310	106,127,091	1,585%	5,049	2,026,487	40,974,568	2,022%	3,008	85%	50%	1.69
	2047	6,011,604	104,653,851	1,741%	4,641	1,768,008	39,799,145	2,251%	2,724	87%	51%	1.71
	2048	5,378,750	102,589,605	1,907%	4,252	1,536,300	38,427,036	2,501%	2,460	90%	52%	1.73
	2049	4,793,184	100,073,624	2,088%	3,885	1,329,548	36,894,048	2,775%	2,216	92%	53%	1.75
	2050	4,257,191	96,995,215	2,278%	3,538	1,146,744	35,243,808	3,073%	1,990	94% 96%	53%	1.77
I	2051 2052	3,765,925	93,466,747	2,482%	3,212	985,689 844,497	33,510,491	3,400%	1,782 1,592	96%	54% 54%	1.78 1.80
I	2052	3,319,857 2,915,588	89,562,582 85,460,027	2,698% 2,931%	2,907 2,624	721,342	31,704,749 29,865,185	3,754% 4,140%	1,592 1,418	98%	54% 55%	1.80
	2053	2,551,649	81,243,593	3,184%	2,361	614,511	28,019,567	4,140%	1,260	100%	55%	1.83
	2055	2,225,909	76,807,613	3,451%	2,117	522,096	26,197,323	5,018%	1,117	102%	55%	1.84
1	2056-2060	7,363,723	313,337,186	4,255%	7,581	1,623,539	104,780,934	6,454%	3,879	106%	57%	1.88
1	2061-2065	3,355,398	201,252,988	5,998%	4,012	677,470	66,534,654	9,821%	1,949	109%	57%	1.90
I	2066-2070	1,399,195	110,727,258	7,914%	1,948	266,024	38,459,586	14,457%	891	110%	57%	1.91
	2071-2075	542,112	52,000,461	9,592%	862	95,486	19,452,958	20,373%	356	110%	57%	1.91

## Exhibit II-b MedAmerica and Affinity Partners Actual-to-Expected Experience by Calendar Year Nationwide Experience After Requested Rate Increase Individual Simplicity Policy Forms

		Actual or Projected Experience			Expected Experience							
			using Current				using Pricing	Assumptions		Cumulative	Loss Ratios with	
	1	A	В	C = B / A	D	E	F	G = F / E	Н	'	J	K = I / J
	1									Actual	Expected	
	1									(Column C)	(Column G)	Actual-to-
	Calendar	Earned	Incurred	Incurred	End of Year	Earned	Incurred	Incurred	End of Year	with	with Average	Expected
	Year	Premium	Claims	Loss Ratio	Lives	Premium	Claims	Loss Ratio	Lives	5.00% Interest	6.32% Interest	Ratio
	2004	1,941,153	299,291	15%	3,079	1,902,060	36,483	2%	3,051	15%		8.51
	2005	11,088,025	704,251	6%	8,664	10,863,692	219,931	2%	8,484	8%	2% 2%	4.06
	2006	21,605,207	127,091	1%	16,067	20,808,074	507,047	2%	15,530	3%	2%	1.56
	2007	32,554,109	1,363,064	4%	20,862	30,856,506	914,413	3%	20,073	4%	2%	1.51
	2008	37,074,883	2,659,125	7%	21,433	34,518,109	1,365,550	4%	20,429	5%	3%	1.68
Historical	2009	36,623,936	1,839,631	5%	20,618	33,842,920	1,893,481	6%	19,850	5%	4%	1.40
Experience	2010	35,876,465	3,136,089	9%	20,166	33,072,668	2,528,376	8%	19,382	6%	4%	1.34
·	2011	35,545,280	4,246,324	12%	19,805	32,470,664	3,260,407	10%	19,059	7%	5%	1.31
	2012	35,553,824	4,959,190	14%	19,771	32,186,636	4,026,542	13%	18,944	7%	6%	1.28
	2013	36,436,493	6,016,975	17%	19,563	32,719,659	4,796,720	15%	19,053	8%	7%	1.26
	2014	37,234,064	9,259,163	25%	18,840	31,768,231	5,556,906	17%	18,459	10%	8%	1.31
	2015	36,342,924	9,398,050	26%	18,410	29,228,037	6,334,858	22%	17,904	11%	9%	1.32
	2016	34,634,079	8,510,609	25%	18,061	26,471,470	7,163,810	27%	17,368	12%	10%	1.27
	2017	35,670,746	9,450,497	26%	17,152	23,547,091	8,060,674	34%	16,839	13%	11%	1.23
	2018	50,229,264	10,189,072	20%	16,489	21,551,925	9,046,859	42%	16,312	14%	12%	1.16
	2019	53,958,465	11,673,877	22%	16,205	20,425,228	10,107,274	49%	15,786	14%	13%	1.10
	2020	53,159,999	13,509,354	25%	15,912	19,369,598	11,139,212	58%	15,256	15%	14%	1.05
	2021	53,269,983	15,531,538	29%	15,565	18,423,205	12,177,165	66%	14,725	16%	15%	1.02
	2022	52,877,700	17,664,382	33%	15,246	17,434,868	13,252,967	76%	14,191	17%	17%	1.00
Desirated	2023	50,767,422	20,038,268	39%	14,926	16,320,437	14,459,044	89% 103%	13,656	18% 19%	18% 19%	0.99 0.98
Projected	2024 2025	49,058,272	22,601,883	46% 53%	14,590 14,237	15,383,420	15,822,765	119%	13,119 12,581	20%	21%	0.98
Future Experience	2025	47,461,610 45,825,177	25,362,656 28,367,047	62%		14,511,754 13,661,048	17,291,976 18,880,586	138%	12,044	21%	21% 22%	0.97
(60 Years)	2026	44,183,335	31,685,892	72%	13,869 13,484	12,832,306	20,589,053	160%	11,506	23%	24%	0.97
(60 fears)	2027	42,455,574	35,272,929	83%	13,083	12,012,357	22,409,351	187%	10,971	24%	24% 25%	0.97
	2028	40,677,498	39,058,219	96%	12,667	11,208,572	24,337,805	217%	10,438	26%	27%	0.98
	2030	38,928,404	42,995,913	110%	12,237	10,434,299	26,332,140	252%	9,909	28%	28%	0.98
	2031	37,134,113	47,425,085	128%	11,794	9,679,712	28,359,526	293%	9,384	29%	30%	0.99
	2032	35,335,406	52,411,749	148%	11,340	8,957,287	30,387,727	339%	8,867	31%	31%	1.00
	2033	33,540,346	57,701,722	172%	10,876	8,266,403	32,379,159	392%	8,357	33%	33%	1.01
	2034	31,698,086	62,982,210	199%	10,405	7,594,319	34,320,785	452%	7,857	35%	35%	1.03
	2035	29,875,228	68,187,461	228%	9,927	6,954,725	36,152,955	520%	7,367	38%	36%	1.04
	2036	28,067,211	73,238,756	261%	9,444	6,343,946	37,826,331	596%	6,889	40%	38%	1.06
	2037	26,260,882	78,069,460	297%	8,959	5,763,017	39,329,020	682%	6,424	42%	39%	1.07
	2038	24,464,306	82,675,079	338%	8,474	5,212,251	40,628,836	779%	5,974	44%	41%	1.09
	2039	22,730,094	86,859,458	382%	7,991	4,699,200	41,689,286	887%	5,540	47%	42%	1.11
	2040	21,033,867	90,459,540	430%	7,511	4,217,866	42,481,187	1,007%	5,122	49%	44%	1.13
	2041	19,393,645	93,279,838	481%	7,039	3,772,451	42,968,808	1,139%	4,722	51%	45%	1.14
	2042	17,805,554	95,390,527	536%	6,575	3,357,489	43,152,149	1,285%	4,340	53%	46%	1.16
	2043	16,282,876	96,736,972	594%	6,123	2,977,403	43,029,951	1,445%	3,978	56%	47%	1.18
	2044	14,832,595	97,430,667	657%	5,683	2,629,714	42,613,190	1,620%	3,634	58%	48%	1.19
	2045	13,458,822	97,447,769	724%	5,258	2,313,397	41,923,354	1,812%	3,311	60%	49%	1.21
	2046	12,165,482	96,808,114	796%	4,849	2,026,487	40,974,568	2,022%	3,008	61%	50%	1.22
	2047	10,952,269	95,488,838	872%	4,458	1,768,008	39,799,145	2,251%	2,724	63%	51%	1.24
	2048 2049	9,823,970 8,776,631	93,633,607 91,370,135	953% 1,041%	4,086 3,734	1,536,300 1,329,548	38,427,036 36,894,048	2,501% 2,775%	2,460 2,216	65% 66%	52% 53%	1.25 1.26
	2049	7,814,098	88,591,986	1,134%	3,734	1,329,548	35,243,808	2,775% 3,073%	1,990	68%	53%	1.28
	2050	6,929,769	85,403,223	1,134%	3,089	985,689	33,510,491	3,400%	1,782	69%	54%	1.29
	2052	6,123,691	81,865,337	1,337%	2,797	844,497	31,704,749	3,754%	1,592	70%	54%	1.30
	2053	5,390,992	78,143,914	1,450%	2,524	721,342	29,865,185	4,140%	1,418	71%	55%	1.31
	2054	4,729,129	74,309,804	1,571%	2,272	614,511	28,019,567	4,560%	1,260	72%	55%	1.31
1	2055	4,134,259	70,268,114	1,700%	2,038	522,096	26,197,323	5,018%	1,117	73%	55%	1.32
	2056-2060	13,747,364	286,887,926	2,087%	7,300	1,623,539	104,780,934	6,454%	3,879	76%	57%	1.35
	2061-2065	6,307,033	184,469,325	2,925%	3,866	677,470	66,534,654	9,821%	1,949	78%	57%	1.37
	2066-2070	2,636,338	101,505,921	3,850%	1,879	266,024	38,459,586	14,457%	891	79%	57%	1.37
	2071-2075	1,019,782	47,583,932	4,666%	831	95,486	19,452,958	20,373%	356	79%	57%	1.38

# Exhibit III MedAmerica and Affinity Partners Actual-to-Expected Experience by Inflation Option and Issue Age Band Nationwide Experience Individual Simplicity Policy Forms

	Issue	Lifetime	Loss Ratio with	Interest	Actual-to-	-Expected
Inflation	Age	Before	After		Before	After
Option	Band	Increase	Increase	Expected	Increase	Increase
All	<45	150%	101%	60%	2.50	1.69
All	45-49	141%	96%	62%	2.29	1.55
All	50-54	123%	86%	60%	2.06	1.43
All	55-59	105%	74%	57%	1.84	1.30
All	60-64	86%	64%	53%	1.62	1.20
All	65-69	80%	63%	55%	1.45	1.15
All	70-74	82%	70%	56%	1.46	1.26
All	75+	73%	69%	50%	1.48	1.39
No Inflation	All	83%	68%	49%	1.71	1.40
Auto Inflation	All	116%	81%	59%	1.95	1.37
All	All	110%	79%	57%	1.91	1.38

#### **Exhibit IV**

## MedAmerica and Affinity Partners Comparison of Current and Original Pricing Assumptions Individual Simplicity Policy Forms

#### **Current Assumptions**

#### Original Pricing Assumptions

#### Mortality

1994 Group Annuitant Mortality (GAM) Static gender-distinct table with 21 years of retrospective improvement applied to bring this table forward to 2015 using scalars of 0.900 for females and 0.810 for males. These mortality rates are further adjusted based on historical mortality experience by issue age band and duration. Tables providing these adjustment factors are provided in Section 5 of the actuarial memorandum.

1983 GAM Table without selection was assumed in all jurisdictions except for in California where the 1994 GAM Table was used.

#### **Lapse Rates**

Voluntary lapse rates vary by duration and premium payment option and were developed based on historical experience for Simplicity and Simplicity ii individual policies issued by MedAmerica and its affinity partners.

Lapse rates vary by duration, premium payment option, and issue age.

	Lifetime-Pay
	Voluntary
Duration	Lapse Rates
1	8.00%
2	6.50%
3	5.00%
4	4.00%
5	3.50%
6	2.50%
7	2.25%
8	1.50%
9	0.75%
10+	0.60%

Lifetime-Pay Lapse Rates										
			Issue A	ge Band						
Duration	<60 60-64 65-69 70-74 75-79 80+									
1	10.0%	11.0%	12.0%	12.0%	12.0%	12.0%				
2	7.0%	7.0%	7.0%	6.0%	4.0%	2.0%				
3	5.0% 4.0%		3.0%	3.0%	3.0%	2.0%				
4	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%				
5	3.0%	2.0%	2.0%	2.0%	2.0%	2.0%				
6+	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%				

For the 10-pay option, a reduction of 65% of these lapse rates was assumed for durations 1 to 4, a reduction of 70% of these lapse rates was assumed for durations 5 to 8, and 0% lapse thereafter. For the paid up at 65 option, a reduction of 50% of these lapse rates was assumed until age 55, a reduction of 75% of these lapse rates for ages 55 to 59, and 0% lapse thereafter. For the reduced after 65 and reduced after 70 pay options, a reduction of 50% of these lapse rates was assumed until age 60 or 65, respectively, and a reduction of 75% of these lapse rates after the reduction of premiums.

For the 10-year payment option, a reduction of 50% of these lapse rates was assumed for durations 1 to 5, and 0% lapse thereafter. For the paid up at age 65 option, a reduction of 50% of these lapse rates was assumed until age 60, and 0% lapse thereafter. For the reduced after age 65 and reduced after age 70 payment options, a reduction of 50% of these lapse rates was assumed until age 60 or 65, respectively, and a reduction of 75% of these lapse rates was assumed after the reduction of premiums.

#### **Exhibit IV**

## MedAmerica and Affinity Partners Comparison of Current and Original Pricing Assumptions Individual Simplicity Policy Forms

#### **Current Assumptions**

#### Original Pricing Assumptions

#### **Benefit Expiry Rates**

Benefit expiry rates reflect assumed policy termination due to exhaustion of benefits on limited benefit period policies. The rates are based on the 2014 Milliman *Long-Term Care Guidelines* (*Guidelines*) with adjustments for historical benefit expiry experience, and vary by gender, benefit period, and attained age. A table containing the benefit expiry rates is provided in Section 5 of the actuarial memorandum.

Benefit expiry was not separated from the lapse assumption.

#### Morbidity

Expected claim costs are developed using the 2014 *Guidelines* with adjustments for an all-lives exposure basis. The claim costs are further adjusted based on historical claim experience by attained age, duration, and coverage type, to the extent credible. One year of retrospective improvement was applied to bring these assumptions forward to 2015 using scalars of 0.990 for females and 0.985 for males.

Original expected claim costs were developed using the 2002 *Guidelines* with best-estimate (with no explicit margin) adjustments for an all-lives exposure basis. The claim costs were further adjusted based on MedAmerica's available experience at the time.

#### Interest Rate

5.00%

In all jurisdictions except California, 6.5% was assumed for issue ages less than 60, decreasing by 12.5 basis points for each age over 59 and less than 75. For example, at issue age 65 the assumed rate was 5.75%. For issue ages 75 and over, 4.5% was assumed. In California, 5.25% was assumed for all issue ages.

#### Improvement

Annual improvement in the mortality and morbidity assumptions is assumed for 15 years starting in 2016. Annual mortality improvement is assumed to be 0.5% and 1.0% for females and males, respectively. Annual morbidity improvement is assumed to be 1.0% and 1.5% for females and males, respectively.

No mortality improvement was assumed. Morbidity improvement of 1.0% was assumed for 20 years for both females and males.

# Exhibit V MedAmerica and Affinity Partners Nationwide Experience Restated to No Prior Rate Increases Impact of Changing from Pricing to Current Assumptions Individual Simplicity Policy Forms

Scenario	Lifetime Loss Ratio	Impact of Each Assumption on the Lifetime Loss Ratio <sup>[1]</sup>	Increase Needed to Produce Lifetime Loss Ratio Expected in Pricing <sup>[1][2]</sup>
Original Pricing Assumptions	57%	N/A	N/A
Historical Experience through 2015 & Projections			
with Original Pricing Assumptions	61%	6%	23%
Historical Experience through 2015 & Projections			
with Prior Assumptions except for Current:			
Morbidity <sup>[3]</sup>	71%	16%	62%
Mortality	78%	29%	104%
Voluntary Lapse and Benefit Expiry	67%	11%	39%
Interest	76%	25%	85%
Historical Experience through 2015 & Projections			
with All Current Most Likely Assumptions <sup>[4]</sup>	129%	125%	369%

<sup>[1]</sup> Isolates the impact on the lifetime loss ratio/needed increase due to changes in each projection assumption. To isolate these changes, these rows show the increase impact/needed increase relative to a lifetime loss ratio of 61% (i.e., actual historical experience with projections using pricing assumptions). However, the "Historical Experience through 2015 & Projections with Original Pricing Assumptions" row is calculated with regard to 57% to show the isolated impact of historical deviations from that expected based on original pricing from inception.

<sup>[2]</sup> Calculated without regard to CBUL, RBO, adverse selection, and higher waiver claims due to the needed rate increase.

<sup>[3]</sup> Includes the impact of improvement (combined mortality and morbidity), which is a net reduction in the lifetime loss ratio. This was done for ease of the demonstration and considered most appropriate because improvement was embedded in the prior morbidity assumption.

<sup>[4]</sup> The lifetime loss ratios for each change in the rows above do not reflect any synergy of the changes. As a result, compositing across rows will not equal the value in the last row, which is calculated relative to 57% and captures all changes in unison.

#### **Exhibit VI**

## MedAmerica and Affinity Partners Comparison of Current and 2012 Nationwide Rate Increase Assumptions Individual Simplicity Policy Forms

#### **Current Assumptions**

#### 2012 Nationwide Rate Increase Assumptions

#### Mortality

1994 Group Annuitant Mortality (GAM) Static gender-distinct table with 21 years of retrospective improvement applied to bring this table forward to 2015 using scalars of 0.900 for females and 0.810 for males. These mortality rates are further adjusted based on historical mortality experience by issue age band and duration. Tables providing these adjustment factors are provided in Section 5 of the actuarial memorandum.

1994 GAM Table adjusted by gender using durational factors which reflect the impact of both mortality selection and improvement. The durational adjustment factors were developed for MAPA; MAPA's two sister companies, MAFL and MANY (MAPA, MAFL, and MANY collectively referred to as MedAmerica); and MedAmerica's affinity partners based on historical experience from inception through December 31, 2011 on all policy forms, except the recently priced FlexCare policy form.

	Duration	al Factor
Duration	Male	Female
1	25%	25%
2	40%	40%
3	45%	45%
4	47%	48%
5	50%	51%
6	52%	54%
7	55%	57%
8	57%	60%
9	61%	63%
10	64%	66%
11	68%	69%

	Durational Factor				
Duration	Male	Female			
12	71%	72%			
13	75%	75%			
14	76%	77%			
15	78%	80%			
16	79%	82%			
17	81%	84%			
18	82%	86%			
19	83%	89%			
20	85%	91%			
21+	86%	93%			

#### **Exhibit VI**

#### **MedAmerica and Affinity Partners** Comparison of Current and 2012 Nationwide Rate Increase Assumptions **Individual Simplicity Policy Forms**

#### **Current Assumptions**

#### 2012 Nationwide Rate Increase Assumptions

#### Lapse Rates

Voluntary lapse rates vary by duration and premium payment option and were developed based on historical experience for Simplicity and Simplicity ii individual policies issued by MedAmerica and its affinity partners.

Lapse rates vary by duration, premium payment option, and issue age, and were
developed based on historical experience for Simplicity and Simplicity ii individual
policies issued by MedAmerica and its affinity partners from inception through
December 31, 2011.

	Lifetime-Pay Voluntary
Duration	Lapse Rates
1	8.00%
2	6.50%
3	5.00%
4	4.00%
5	3.50%
6	2.50%
7	2.25%
8	1.50%
9	0.75%
10+	0.60%

Lifetime-Pay Lapse Rates										
		Issue Age Band								
Duration	<40	<40 40-49 50-59 60+								
1	16.00%	9.00%	5.50%	5.75%						
2	16.00%	9.00%	4.75%	4.75%						
3	11.00% 5.50% 4.00% 3.50									
4	7.00%	4.50%	3.00%	3.00%						
5	5.00% 3.50% 2.75% 2.25									
6	3.00% 2.00% 2.00% 1.75%									
7+	1.50%	1.50%	1.50%	1.50%						

For the 10-pay option, a reduction of 65% of these lapse rates was assumed for durations 1 to 4, a reduction of 70% of these lapse rates was assumed for durations 5 to 8, and 0% lapse thereafter. For the paid up at 65 option, a reduction of 50% of these lapse rates was assumed until age 55, a reduction of 75% of these lapse rates for ages 55 to 59, and 0% lapse thereafter. For the reduced after 65 and reduced after 70 pay options, a reduction of 50% of these lapse rates was assumed until age 60 or 65, respectively, and a reduction of 75% of these lapse rates after the reduction of premiums.

For the 10-pay option, a reduction of 50% of these lapse rates is assumed for durations 1 to 5, and 0% lapse thereafter. For the paid up at 65 option, a reduction of 50% of these lapse rates is assumed until age 60, and 0% lapse thereafter. For the reduced after 65 and reduced after 70 pay options, a reduction of 50% of these lapse rates is assumed until age 60 or 65, respectively, and a reduction of 75% of these lapse rates is assumed after the reduction of premiums.

#### **Benefit Expiry Rates**

Benefit expiry rates reflect assumed policy termination due to exhaustion of benefits on limited benefit period policies. The rates are based on the 2014 Milliman Long-Term Care Guidelines (Guidelines) with adjustments for historical benefit expiry experience, and vary by gender, benefit period, and attained age. A table containing the benefit expiry rates is provided in Section 5 of the actuarial memorandum.

Benefit expiry was not separated from the lapse assumption.

#### **Exhibit VI**

### MedAmerica and Affinity Partners Comparison of Current and 2012 Nationwide Rate Increase Assumptions Individual Simplicity Policy Forms

#### **Current Assumptions**

#### 2012 Nationwide Rate Increase Assumptions

#### Morbidity

Expected claim costs are developed using the 2014 *Guidelines* with adjustments for an all-lives exposure basis. The claim costs are further adjusted based on historical claim experience by attained age, duration, and coverage type, to the extent credible. One year of retrospective improvement was applied to bring these assumptions forward to 2015 using scalars of 0.990 for females and 0.985 for males.

Expected claim costs are the original pricing claim costs, adjusted to an all-lives exposure base. The claim costs are further adjusted based on historical claim experience on a durational basis, to the extent credible.

Interest Rate

5.00%

#### Improvement

Annual improvement in the mortality and morbidity assumptions is assumed for 15 years starting in 2016. Annual mortality improvement is assumed to be 0.5% and 1.0% for females and males, respectively. Annual morbidity improvement is assumed to be 1.0% and 1.5% for females and males, respectively.

No mortality improvement was assumed; however, the ultimate mortality level was determined by assuming mortality improvement of 1.0% for males and 0.5% for females for 15 years. Embedded in the original pricing claim costs is a morbidity improvement assumption of 1.0% per year for 20 years for both females and males.

#### **Exhibit VII**

## Demonstration that the Requested Cumulative Rate Increase Passes the 58%/85% Loss Ratio Minimum MedAmerica and Affinity Partners' Nationwide Experience with Prior Approved Increases Individual Simplicity Policy Forms

1 Accumulated value of initial earned premium	435,910,618 x	58%	=	252,828,159
2a Accumulated value of earned premium 2b Accumulated value of prior premium rate schedule increases (2a - 1)	443,616,110 7,705,492 x	85%	=	6,549,668
3 Present value of future projected initial earned premium	264,702,237 x	58%	=	153,527,298
4a Present value of future projected premium 4b Present value of future projected premium in excess of the projected initial earned premiums (4a - 3)	704,258,536 439,556,299 x	85%	=	373,622,854
5 Lifetime Earned Premium Times Prescribed Factor: Sum of 1, 2b, 3, and 4b				786,527,978
6a Accumulated value of incurred claims without the inclusion of active life reserves 6b Present value of future projected incurred claims without the inclusion of active life reserves				50,783,966 1,102,400,573
7 Lifetime Incurred Claims with Rate Increase: Sum 6a and 6b				1,153,184,539
8 Test: 7 is not less than 5				Pass
All values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue, which ranges fro	om 3.5% to 4.5%.			

All values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue, which ranges from 3.5% to 4.5% Future projected initial earned premium schedule (i.e., without the requested rate increase) reflects the assumed impact of CBUL and RBO.

The future projected incurred claims (item 6b) were increased by 11% to reflect assumptions with moderately adverse experience.

The assumptions for mortality, voluntary lapse, benefit expiry, and morbidity were developed by Milliman based on historical experience. Where actual experience had low credibility or did not exist, industry experience was also used. The experience used to develop these assumptions includes historical experience of MedAmerica Insurance Company (MAPA); MAPA's two sister companies, MedAmerica Insurance Company of Florida (MAFL) and MedAmerica Insurance Company of New York (MANY) (MAPA, MAFL, and MANY collectively referred to as MedAmerica); and MedAmerica's affinity partners that issued the same products. For persistency, policy termination experience through December 31, 2015 was used, except to develop the limited-pay voluntary lapse assumption, which used experience through March 31, 2015. For morbidity, claim experience through December 31, 2014 was used. The methodology used to develop these assumptions is provided below.

#### Persistency

The assumptions for mortality and lifetime-pay voluntary lapse were developed based on detailed historical experience through December 31, 2015 for MedAmerica's organic (including affinity partners) and acquired business. For the acquired business, experience prior to acquisition was excluded as it predates MedAmerica's administration of the block.

The benefit expiry assumption was developed using the 2014 Milliman Long-Term Care Guidelines (Guidelines) with adjustments based on MedAmerica's actual benefit expiry experience through December 31, 2015 on its organic business.

#### Mortality Durational Factors

Exhibit A-1a supports the mortality assumption and provides the following information for all companies and products (both individual and group) combined, but separately for issue age bands (i) 75 and older, (ii) 70 to 74, (iii) 65 to 69, and (iv) 60 to 64:

- Exposure that reflects a full year of exposure for each death and the length of time a covered life is exposed
  to the risk of death during the year for each life that does not die.
- Mortality rates for actual, expected, and an additional standard table for comparison. All of these rates were brought forward to 2015 for consistency with the basis of the expected table by applying mortality improvement factors that reflect annual improvement of 0.5% for females and 1.0% for males.
  - Actual mortality rates equal the number of deaths divided by exposure. The number of deaths includes a scalar to capture improvement between the year of death and 2015. For example, if 10 males died in 2010, then the number of deaths (10) would be multiplied by 5 years of improvement (0.951).
  - 2015GAM mortality rates equal 94GAM with 21 years of improvement, which results in scalars of 0.900 for females and 0.810 for males. These are the expected mortality rates to which the factors in Section 5 of the actuarial memorandum are applied.
  - 2015IAM is equal to 2012 Individual Annuity Mortality Period (2012IAM) standard table mortality rates with 3 years of improvement (scalars of 0.985 for females and 0.970 for males).
- Ratios of actual and standard table mortality rates to the 2015GAM expected (A:E) mortality rates.
- Credibility percentage based on the number of deaths (with improvement scalars described above) and the credibility measure described at the end of this appendix.
- A:E ratio that is credibility weighted with the two standard table options for a complement.
- Smoothed durational factors that correspond to that shown in Section 5 of the actuarial memorandum.

We developed the smoothed factors by issue age band and duration. We started with the older issue ages to develop an ultimate factor and then worked backward to younger issue age bands, making experience adjustments for the first 20 durations. In developing these experience adjustments, we considered the A:E ratios, level of credibility, whether in the select or ultimate period, and A:E credibility-weighted ratios.

An ultimate level of 105% of 2015GAM was assumed based on the combined experience of issue ages 70 and older for attained ages older than 95 to the extent credible. For the first 20 durations, the factors were pegged for the midpoint of a quinquennial durational band and then interpolated in between to develop smoothed factors. The smoothed factors were determined such that the bands of quinquennial durations reproduced the actual experience, to the extent credible.

Theoretical adjustments are made, following the diagonal, according to the adjustments made for older issue age bands to maintain mortality relationships across attained ages. For example, we assume an 85% factor for attained age 80, which appears in duration 18 for issue age 62 and duration 23 for issue age 57 as shown in Section 5 of the actuarial memorandum; following along this diagonal the assumption is consistent.

Exhibit A-1b provides similar information as Exhibit A-1a for individual business only with issue ages under 60. For development of the mortality assumption for issue ages under 60, the experience was split between individual and group because there is a material amount of group experience under 60. Mortality can differ between individual and group business because of adverse selection associated with group underwriting.

#### Lifetime-Pay Voluntary Lapse Rates

Exhibit A-2 provides total exposure, composite termination rates, expected mortality rates, derived voluntary lapse rates, credibility percent, and smoothed voluntary lapse rates by duration for lifetime-pay policies for the Simplicity and Simplicity ii blocks' combined experience.

In general, the smoothed voluntary lapse rates were set in such a way that the combined duration smoothed rates were close to the derived voluntary lapse rates (see the rows at the bottom of the exhibits). The smoothed voluntary lapse rates in the early durations were chosen to reproduce actual history, to the extent possible, so that the transition from historical to projected policy persistency was smooth. In developing the ultimate voluntary lapse rate, the level of credibility of the actual voluntary lapse experience and the experience of other forms were considered, as applicable. The degree of closeness of the smoothed voluntary lapse rate compared to actual experience depends on the level of credibility.

The actual composite (mortality and voluntary la	apse) termination rates were calculated by duration as follows:
Annualized Composite Termination Rate =	Number of Deaths and Voluntary Lapses during the Year

A death or voluntary lapse (excluding benefit expiry) was assigned to the duration in which it occurred, or the preceding duration, if the termination was on the anniversary date. Each death or voluntary lapse contributes 1.0 to the numerator and a full year to the denominator. For lives whose benefits expire or do not terminate, the number of lives exposed to termination is based on the length of time a covered life is exposed to the risk of termination due to death or voluntary lapse during the year. This calculation logic is consistent with that used in the LTC Insurance Persistency Experience reports sponsored by LIMRA International and the SOA LTC Experience Committee.

Number of Lives Exposed during the Year

The expected mortality rate assumes the gender-distinct 2015GAM table with the durational factors shown in Section 5 of the actuarial memorandum applied by duration.

The derived voluntary lapse rate is then calculated according to the following formula:

Derived Voluntary Lapse Rate = 1 - 1 - Composite Termination Rate 1 - Expected Mortality Rate

#### Limited-Pay Voluntary Lapse Rates

The algorithm for the limited-pay options is similar to that used in original pricing. The smoothed lapse rates are a scalar of the lifetime-pay lapse rates. Only 15% of the in-force policies on these forms have a limited-pay option and thus the impact of these assumptions on the projections is assumed to be immaterial.

For the ten-pay, paid-up at age 65, reduced after age 65, and reduced after age 70 payment options, the scalars were developed from a comparison of the lifetime-pay derived lapse rates to the limited-pay option's derived lapse rates based on MedAmerica and its affinity partners' experience on all products combined. The relationships derived from this analysis were used to develop the smoothed lapse assumptions as shown in Section 5 of the actuarial memorandum.

#### Benefit Expiry

Benefit expiry rates reflect assumed policy lapses due to exhaustion of benefits based on the 2014 *Guidelines* with adjustments for historical benefit expiry experience and vary by attained age, gender, and benefit period. Policies with lifetime benefits do not have an expiry assumption (i.e., rate of 0%).

We compared MedAmerica's actual benefit expiry experience through December 31, 2015 to that expected by the 2014 *Guidelines*. We developed adjustment factors by attained age based on the experience of a subset of MedAmerica's organic business. Factors were developed by quinquennial attained age band and then interpolated to produce scalars for each attained age. These scalars were then applied to the benefit expiry rates developed by the 2014 *Guidelines* in order to produce the final benefit expiry assumptions shown in Section 5 of the actuarial memorandum.

Exhibit A-3 provides exposure, actual and expected benefit expiry rates, A:E ratios, credibility percent, credibility-weighted A:E ratios, and smoothed adjustment factors. The exposure used reflects a full year of exposure for each benefit expiry and the length of time a covered life is exposed to the risk of benefit expiry during the year for each life that does not expire benefits.

#### Morbidity

The claims costs were developed using the 2014 *Guidelines*. A:E experience analyses were performed to develop most likely (with no explicit margin) morbidity experience adjustments to be applied to the 2014 *Guidelines* claim costs. The experience used includes historical experience for all products of MedAmerica, its affinity partners, and any acquired business from 2004 through 2014, with runout through June 2015. The claim costs were then further adjusted based on historical claim experience by policy duration, attained age, and coverage-type, to the extent credible.

A:E adjustment factors were developed using a complex and proprietary Excel-based model. Adjustments were developed by the following parameters: policy duration, attained age, coverage type, group/individual, benefit payment type, company, and product. The adjustment factors were calculated using an algorithm that simultaneously and iteratively updates the adjustment factors until the adjusted expected incurred claims match actual incurred claims, to the extent credible. The adjusted expected incurred claims equal the 2014 *Guidelines* (with adjustments for historical improvement) multiplied by the A:E adjustment factors. The iterative process normalizes the adjustments for each parameter because the adjusted expected incurred claims capture the adjustments made for the other characteristics and thus normalizes the underlying mix differences.

Exhibit A-4a provides separate A:E adjustment factors for the Simplicity blocks after multiplying the appropriate combination of factors for policy duration, attained age, and coverage type.

Exhibit A-4b provides an indication of the goodness of fit. Exhibit A-4b provides the credibility and ratio of actual to adjusted expected incurred claims by policy duration band and attained age band. The credibility and ratio's numerator (actual incurred claims) reflects the Simplicity and Simplicity ii individual blocks' combined experience. The ratio's denominator (adjusted expected incurred claims) is equal to the unadjusted expected incurred claims (2014 *Guidelines*) multiplied by the A:E adjustment factors. The actual-to-adjusted expected ratio provides an indication of the goodness of fit of the assumption relative to actual experience, where a ratio close to 1.00 is a good fit. The actual-to-adjusted expected ratio is close to 1.00 where the experience is fully credible. As can be seen from the Total row (shaded grey), the actual to adjusted expected ratio is close to 1.00. The goodness-of-fit test by attained age band includes only experience for durations seven and later to reduce the impact of the selection period.

#### **Improvement**

For projected mortality improvement, levels of 0.5% and 1.0% are assumed for 15 years beginning in calendar year 2015 for females and males, respectively. The Society of Actuaries (SOA) June 2011 study, *Global Mortality Improvement Experience and Projection Techniques*, provides most-likely mortality improvement assumptions for the period 2011 to 2025 by gender and attained age, for individual annuitants and the general population. For individual annuitants, the average annual improvement rates for males and females are approximately 1.5% and 1.0%, respectively. These rates were about 25 basis points higher than that for the general population. Based on this study, a reasonable range for mortality improvement is 0.0% to 1.5% for males and 0.0% to 1.0% for females for 10 to 20 years.

For projected morbidity improvement, levels of 1.0% and 1.5% are assumed for 15 years beginning in calendar year 2015 for females and males, respectively. This assumption is reasonable based on the SOA July 2016 study, *Long Term Care Morbidity Improvement Study: Estimates for the Non-Insured U.S. Elderly Population Based on the National Long Term Care Survey 1984-2004.* This study reported population annual morbidity improvement of 2.3% for unisex, 2.5% for males, and 2.1% for females. The SOA July 2016 study uses population data, so it is uncertain how well these findings will translate to an insured population. The SOA June 2011 study suggests that an annuitant cohort has more mortality improvement over the general population, so it is possible that this could be true for

morbidity as well. Based on these studies, a reasonable range for morbidity improvement is between 0.0% to 2.5% for males and 0.0% to 2.1% for females for 10 to 20 years.

#### Rate Increase Dependent Assumptions

At the time of a rate increase, insureds have options to elect a contingent benefit upon lapse (CBUL) or reduced benefit options (RBO). Adverse selection is assumed relative to CBUL elections. In determining the justified rate increase amounts, rate increase dependent assumptions were also developed. Very little industry data exists to help determine these assumptions, especially for the magnitude of rate increases that are requested. These insured behavior assumptions are provided below, and are based on MedAmerica's actual CBUL/RBO election experience to the extent applicable, assumptions used for rate increase filings of other carriers in the LTC industry, and actuarial judgment.

#### Contingent Benefit Upon Lapse Election

Based on the average cumulative rate increase requests nationwide, we assume a CBUL election rate of 8% for the Simplicity nationwide rate increase across all issue ages. No CBUL elections are assumed for limited-pay policies.

#### Reduced Benefit Options

The assumed reductions to premium and benefits due to RBO elections were derived from actual RBO election rates based on the combined experience of MedAmerica and its affinity partners following a prior rate increase on this and similar blocks of business along with actuarial judgment. We assume that those electing RBO will reduce their benefits so that premiums after the increase are closer to those before the increase. We assume that the percent reduction in premium corresponds to an equivalent percent reduction in claims. Based on the nationwide average rate increase requested on the Simplicity policy forms, we assume 20% of policyholders will elect RBO. The reduction to premium and claims then varies based on the level of the rate increase and can then be determined as follows:

Reduction to premium and claims due to the election of RBO

= 1 – (Average premium level after the rate increase with RBO election / Premium level after the full rate increase without any RBO election), where

Average premium level after the rate increase with RBO election

= weighted average premium level of those assumed to elect RBO with those assumed to accept the full rate increase

#### Adverse Selection

The 2% increase to morbidity due to adverse selection was developed from the following formula and actuarial judgment. We assume that at the time of the rate increase, insureds that elect a CBUL will be selective in that their relative morbidity is 25% lower than that of the remaining pool.

```
PoolMorb = AdvSelMorb x (1 - CBUL) + [(1 - 25%) x AdvSelMorb] x CBUL, where
```

PoolMorb = morbidity of the pool before the rate increase = 1.0

AdvSelMorb = adverse morbidity of the remaining pool after the rate increase due to selective lapses

CBUL = percentage of policies that elect CBUL

Solving the above for the adverse selection component results in the following formula:

```
Adverse Selection = 1 / (1 - 25\% \times CBUL)
1.02 ~ 1 / (1 - 25\% \times 8\%) for non-lifetime benefit period policies
```

#### Credibility

The methodology employed to develop the assumptions considers actual historical experience and its associated credibility. The credibility percentage for each assumption was determined as (Number of Events / Credibility Threshold)<sup>1/2</sup>, with events defined as deaths, voluntary lapses, benefit expiries, or claims. A credibility standard of a 90% confidence interval for the number of events with an error of plus or minus 7.5% was chosen. Based on these parameters, 481 events is the criterion for full credibility.

Exhibit A-1a
Actual-to-Expected (A:E) Mortality Experience through December 31, 2015
All Products

			Mortality Rate Ratios to 2015GAM A:E Credibility-Weighted with: S			Smoothed				
		Actual	2015GAM	2015IAM	Actual	2015IAM	Credibility	2015GAM	2015IAM	Durational
Duration	Exposure	(A)	(E)	(X)	(A:E)	(X:E)	Percent	(E:E=1.00)	(X:E)	Factors
		\ /	( /	. ,	. ,	,	I.	,	, ,	
	Issue Age 75+									
1-5	24,998	1.8%	4.4%	3.1%	0.40	0.70	95%	0.43	0.41	0.41
6-10	20,553	5.0%	7.0%	5.5%	0.71	0.78	100%	0.71	0.71	0.71
11-15	11,268	10.1%	10.5%	8.8%	0.96	0.84	100%	0.96	0.96	0.96
16-20	3,330	16.3%	16.1%	14.2%	1.02	0.88	100%	1.02	1.02	1.04
21-25	415	25.3%	22.2%	20.6%	1.14	0.93	47%	1.07	1.03	1.05
26+	25	7.8%	32.1%	30.8%	0.24	0.96	6%	0.95	0.91	1.05
21+	440	24.3%	22.8%	21.2%	1.07	0.93	47%	1.03	0.99	1.05
All	60,589	5.4%	7.2%	5.7%	0.75	0.79	100%	0.75	0.75	0.75
								-		
					Issue Ages 70					
1-5	39,706	0.9%	2.2%	1.4%	0.41	0.64	87%	0.49	0.45	0.40
6-10	38,186	2.4%	3.7%	2.5%	0.66	0.67	100%	0.66	0.66	0.65
11-15	27,286	4.9%	6.0%	4.4%	0.83	0.74	100%	0.83	0.83	0.84
16-20	10,157	9.1%	9.4%	7.7%	0.98	0.82	100%	0.98	0.98	0.98
21-25	2,029	14.6%	14.3%	12.3%	1.02	0.86	78%	1.02	0.99	1.04
26+	138	25.8%	20.4%	18.6%	1.27	0.91	27%	1.07	1.01	1.05
21+	2,167	15.3%	14.7%	12.7%	1.04	0.87	83%	1.03	1.01	1.04
All	117,501	3.3%	4.4%	3.2%	0.75	0.73	100%	0.75	0.75	0.75
	•	•			•		•	•		
	1	•			Issue Ages 65		1	T		
1-5	67,094	0.6%	1.4%	0.9%	0.42	0.65	90%	0.48	0.44	0.40
6-10	65,409	1.4%	2.2%	1.4%	0.64	0.64	100%	0.64	0.64	0.65
11-15	50,103	2.9%	3.7%	2.4%	0.78	0.66	100%	0.78	0.78	0.79
16-20	23,101	5.3%	5.9%	4.3%	0.90	0.74	100%	0.90	0.90	0.90
21-25	6,829	9.5%	9.3%	7.6%	1.03	0.82	100%	1.03	1.03	0.99
26+	533	13.8%	13.6%	11.6%	1.01	0.86	39%	1.01	0.92	1.04
21+	7,362	9.8%	9.6%	7.9%	1.03	0.82	100%	1.03	1.03	0.99
All	213,069	2.2%	3.0%	2.0%	0.75	0.69	100%	0.75	0.75	0.74
	00.005	0.00/	2.20/		Issue Ages 60	- 64	000/	0.54	0.40	0.00
1-5	93,335	0.3%	0.9%	0.6%	0.41	0.72	82%	0.51	0.46	0.39
6-10	85,284	0.8%	1.4%	0.9%	0.57	0.65	100%	0.57	0.57	0.59
11-15	58,636	1.5%	2.3%	1.5%	0.68	0.65	100%	0.68	0.68	0.67
16-20	27,386	3.2%	3.8%	2.5%	0.85	0.67	100%	0.85	0.85	0.83
21-25	9,435	5.5%	6.1%	4.5%	0.90	0.75	100%	0.90	0.90	0.90
26+	782	9.5%	9.1%	7.5%	1.05	0.82	39%	1.02	0.91	0.97
21+	10,217	5.8%	6.3%	4.8%	0.92	0.76	100%	0.92	0.92	0.91
All	274,857	1.2%	1.8%	1.2%	0.68	0.68	100%	0.68	0.68	0.67

Exhibit A-1b
Actual-to-Expected (A:E) Mortality Experience through December 31, 2015
Individual Products

			Mortality Rate		Ratios to	2015GAM		A:E Credibility-	Weighted with:	Smoothed
		Actual	2015GAM	2015IAM	Actual	2015IAM	Credibility	2015GAM	2015IAM	Durational
Duration	Exposure	(A)	(E)	(X)	(A:E)	(X:E)	Percent	(E:E=1.00)	(X:E)	Factors
	Issue Age <60									
1-5	213,822	0.1%	0.3%	0.2%	0.39	0.86	66%	0.59	0.55	0.38
6-10	134,800	0.3%	0.5%	0.4%	0.54	0.77	88%	0.59	0.56	0.54
11-15	57,646	0.6%	0.9%	0.7%	0.61	0.69	83%	0.67	0.62	0.60
16-20	24,577	1.1%	1.5%	1.0%	0.70	0.67	74%	0.78	0.69	0.70
21-25	9,193	1.7%	2.4%	1.6%	0.70	0.67	57%	0.83	0.68	0.79
26+	759	2.9%	4.4%	3.1%	0.65	0.72	21%	0.93	0.70	0.87
21+	9,952	1.8%	2.6%	1.7%	0.69	0.68	61%	0.81	0.68	0.80
All	440,797	0.3%	0.6%	0.4%	0.56	0.75	100%	0.56	0.56	0.57

Exhibit A-2
MedAmerica and Affinity Partners
Derived Lifetime-Pay Voluntary Lapse Experience from Inception through December 31, 2015
Simplicity and Simplicity ii Policy Forms Combined
Lifetime-Pay Policies

		Composite	Expected	Derived		Smoothed
		Termination	Mortality	Lapse	Credibility	Lapse
Duration	Exposure	Rates	Rates	Rates	Percent	Rates
1	43,708	8.1%	0.1%	8.0%	100%	8.00%
2	40,123	6.5%	0.2%	6.3%	100%	6.50%
3	34,365	5.0%	0.2%	4.8%	100%	5.00%
4	28,644	4.1%	0.3%	3.9%	100%	4.00%
5	24,506	3.7%	0.3%	3.4%	100%	3.50%
6	21,161	3.1%	0.4%	2.7%	100%	2.50%
7	18,447	2.8%	0.5%	2.3%	96%	2.25%
8	15,701	2.2%	0.6%	1.6%	75%	1.50%
9	11,993	1.5%	0.7%	0.8%	50%	0.75%
10	7,544	1.4%	0.8%	0.5%	34%	0.60%
11	3,591	1.5%	1.0%	0.5%	20%	0.60%
12	618	1.6%	1.2%	0.4%	6%	0.60%
1-3	118,197	6.6%	0.1%	6.5%	100%	6.6%
4-6	74,310	3.7%	0.3%	3.4%	100%	3.4%
7-9	46,140	2.2%	0.6%	1.7%	100%	1.6%
5+	103,560	2.7%	0.5%	2.2%	100%	2.1%
6+	79,054	2.4%	0.6%	1.8%	100%	1.7%
7+	57,893	2.1%	0.6%	1.4%	100%	1.4%
8+	39,447	1.7%	0.7%	1.0%	99%	1.0%
9+	23,746	1.5%	0.8%	0.7%	64%	0.7%
10+	11,753	1.4%	0.9%	0.5%	40%	0.6%
All	250,400	4.7%	0.3%	4.4%	100%	4.5%

Exhibit A-3
Actual-to-Expected (A:E) Benefit Expiration Experience through December 31, 2015
Subset of MedAmerica Organic Business

		Actual	Expected			Credibility-	Smoothed
Attained		Expiry	Expiry	Expiry	Credibility	Weighted	Adjustment
Age Band	Exposure	Rate	Rate	A:E	Percent	A:E	Factors
<80	528,089	0.03%	0.04%	0.70	56%	0.83	0.85
80-84	50,683	0.52%	0.41%	1.27	74%	1.20	1.25
85-89	22,568	1.52%	1.04%	1.46	85%	1.39	1.45
90+	6,638	4.43%	2.47%	1.79	78%	1.62	1.65
All	607,979	0.17%	0.14%	1.28	100%	1.28	1.28

Exhibit A-4a
MedAmerica and Affinity Partners
Actual-to-Expected Morbidity Adjustment Factors
Applicable to the Simplicity Product

	Non-MANY	MANY
	_	
Dometica	Adjustment	Adjustment
Duration 1	Factor	Factor
	1.28	0.97
2	1.23	0.98
3	1.19	0.99
4	1.15	1.01
5	1.11	1.02
6	1.07	1.03
7	1.03	1.05
8	0.99	1.06
9	0.97	1.04
10	0.94	1.02
11	0.92	1.01
12	0.89	0.99
13	0.87	0.97
14	0.89	0.97
15	0.91	0.96
16	0.93	0.95
17	0.95	0.95
18	0.97	0.94
19	0.97	0.95
20	0.98	0.96
21	0.98	0.97
22	0.98	0.98
23	0.98	0.98
24	0.98	0.98
25	0.98	0.98
26	0.98	0.98
27	0.99	0.98
28	0.99	0.98
29	0.99	0.98
30+	0.99	0.98

Attained Age	Adjustment Factor
<65	0.84
65-69	0.97
70-74	1.00
75-79	1.03
80-84	1.05
85-89	1.21
90+	1 23

Coverage Type	Adjustment Factor
Comprehensive	0.90
Nursing Home Only	1.09
Home Care Only	1.23

Exhibit A-4b
MedAmerica and Affinity Partners
Actual to Adjusted Expected Incurred Claims
Simplicity and Simplicity ii Policy Forms Combined

Experience By Policy Duration								
All Durations								
		Actual to						
		Adjusted						
Duration	Credibility	Expected						
1	21%	1.36						
2	26%	0.44						
3	31%	1.40						
4	30%	0.99						
5	35%	1.03						
6	32%	1.04						
7	34%	1.00						
8	35%	1.01						
9	30%	1.15						
10	16%	0.52						
1-5	65%	1.02						
6-10	68%	0.98						
3-13	88%	1.02						
Total	94%	0.99						

Experience By Attained Age								
Durations 7 and Later								
		Actual to						
Attained		Adjusted						
Age	Credibility	Expected						
<65	25%	0.88						
65-69	26%	1.02						
70-74	26%	0.87						
75-79	27%	0.90						
80-84	23%	0.85						
85-89	14%	1.21						
90+	11%	2.91						
<70	36%	0.94						
<75	44%	0.92						
<80	52%	0.92						
<85	57%	0.91						
65-79	46%	0.93						
70-84	44%	0.88						
75-89	38%	0.92						
70+	48%	0.96						
75+	40%	1.01						
80+	29%	1.13						
85+	18%	1.68						

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Supplement to the Simplicity Actuarial Memorandum**

#### March 7, 2017

Product
Tax-Qualified Long-Term Care Policy Form
Tax-Qualified Franchise Long-Term Care Policy Form

Number SPL-336-HMBSPA FSPL-336-HMBSPA

#### 1. Purpose of Filing

This supplement has been prepared for the purpose of demonstrating that the requested rate increase complies with Chapter 18 Section 3803(c) and (e), and Reg. 89.83 of the Insurance Regulations for the state of Pennsylvania. It may not be appropriate for other purposes.

The experience provided in this supplement reflects the combined experience of the policy forms listed above as well as similar nationwide forms of the same product series. Additionally, the company's affinity partners, MedAmerica Insurance Company and Highmark Blue Cross Blue Shield are making a similar request on their Simplicity policy forms in concurrent filings (SERFF tracking # MILL-130946990 and MILL-130951721).

#### 2. Demonstration of Compliance with Chapter 18 Section 3803

(c) and (e): We believe that we comply with these subsections of the regulation by submitting these rates before they are being used.

#### 3. Demonstration of Compliance with Reg. 89.83

- 89.83 (a): This subsection requires no action.
- 89.83 (b): This subsection is not applicable since this filing is not for rates for a new policy form.
- 89.83 (c): Revision of Current Rates
- (1): This rate increase filing complies with loss ratio requirements (i.e., the 58%/85% test), as specified in Reg. 89a.118.(c)(2). While the majority of policies subject to this rate increase are eligible for a contingent benefit upon lapse, an alternative version of the 58%/85% test is not provided per rate stability regulation, as the original pricing lifetime loss ratio of 57% is not greater than 58%.
- (2): Section 2 of the actuarial memorandum provides a description of benefits. A copy of the affected policy forms may be provided upon request.
- (2)(i): The primary reason why these forms are in need of a premium rate increase is due to emerging experience running more adverse than expected in pricing. A rate increase is considered an effective way to reduce projected losses.

The company is requesting a premium rate increase that varies by issue age and inflation option as shown in Exhibit I of the actuarial memorandum. The cumulative rate increase shown in Exhibit I was determined to allow certification to rate stability, where applicable, and varies by issue age and inflation option to better align the rate increase with the adverse experience. A table in Section 17 of the enclosed actuarial memorandum provides the cumulative requested increase by issue age band and inflation option cohort, as well as the average cumulative prior increase and resulting current requested premium rate increase based on the nationwide distribution of combined business as of December 31, 2015. The cumulative rate increase was determined such that the business would break even going forward under moderately adverse conditions for all policies (i.e., 0% profit margin going forward).

The current rate schedules along with the proposed rate schedules are enclosed with this filing. Please note that the actual rates implemented may vary slightly from those shown due to rounding algorithms.

Attachment 1 to this supplement provides actual and projected experience using current assumptions, as described in Section 5 of the actuarial memorandum. Included are calendar year earned premiums, incurred claims, annual loss ratios, end of year lives, and cumulative loss ratios with interest. The without interest experience underlying Attachment 1 is identical to Exhibit II of the actuarial memorandum. Attachment 2 to this supplement provides nationwide experience showing written

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Supplement to the Simplicity Actuarial Memorandum**

#### March 7, 2017

premium, paid claims, and cumulative loss ratios. Values in Attachments 1 and 2 are shown both before and after the requested rate increase. The interest values used in Attachments 1 and 2 to accumulate and discount values is the maximum valuation interest rate for contract reserves applicable for the year of issue (which ranges from 3.5% to 4.5%).

Attachments 3 and 4 to this supplement provide similar information as Attachments 1 and 2, respectively, for Pennsylvania-specific experience. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

(2)(ii)(A): There have been four rate increases approved and implemented on these policy forms in Pennsylvania. The cumulative prior approved increase varied by issue age from 20% to 92% and averaged 67% across all Pennsylvania business, as provided in the enclosed cover letter. The most recent rate increase was filed for use by the department on September 22, 2016.

(2)(ii)(B): Table 1 shows the original pricing commission scales by issue age and duration for lifetime-pay policies. The actual commission scales will differ slightly from those that appear in Table 1 as the company adjusts renewal commission rates so that the total commissions paid before and after any increase in premium are similar (i.e., commissions are not paid on the increased premium).

Table 1
Commission Scales by Issue Age and Duration
Policy Forms: SPL-336, FSPL-336

Issue Age	Duration 1	Durations 2-10	Durations 11+
< 65	40-90%	5-15%	0-15%
65 +	30-80%	5-15%	0-15%

Commissions for limited-pay policies are reduced to levels that are approximately equivalent to the above commissions for lifetime-pay policies, on a present value basis, based on original pricing assumptions.

(2)(ii)(C)(I): Premiums earned and written since inception for nationwide experience can be found in Attachments 1 and 2 to this supplement, respectively. Premiums earned and written since inception for Pennsylvania-specific experience can be found in Attachments 3 and 4 to this supplement, respectively. Attachment 5 to this supplement provides reserve balances and the calculation basis for both nationwide and Pennsylvania-specific experience. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

(2)(ii)(C)(II): Attachment 5 to this supplement provides a breakdown of historical incurred claims and active life reserve balance, including a description of the calculation basis, for both nationwide and Pennsylvania-specific experience. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

Attachment 6 to this supplement provides actual and projected experience on a durational basis using current assumptions. Included are policy year earned premiums, incurred claims, durational loss ratios, end of year lives, and cumulative loss ratios with interest. Values in Attachment 6 are shown both before and after the requested rate increase. The number of durations shown was chosen to capture the majority of the durations underlying Attachment 1. Similar to Attachments 1 through 4, the values used to calculate the cumulative loss ratios are accumulated and discounted at the maximum valuation interest rate.

Attachment 7 to this supplement provides similar information to Attachment 6 for Pennsylvania-specific experience. Please note that Pennsylvania-specific experience is not considered fully credible, but is being provided as required.

(2)(ii)(D): We believe that we have provided information sufficient to support the rate increase requested in this filing.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Supplement to the Simplicity Actuarial Memorandum**

#### March 7, 2017

(2)(iii): We understand that data used in this rate increase filing is in agreement with those used in the annual statement filed with the Department.

89.83 (d): We believe the proposed rate tables provided with this filing comply with this subsection.

# Attachment 1-a MedAmerica and Affinity Partners Earned Premium and Incurred Claim Experience and Projections by Calendar Year Nationwide Experience Before Requested Rate Increase Individual Simplicity Policy Forms

		Ac	tual or Projected E	xperience using (	Current Assumption	ons
						Cumulative
	Calendar	Earned	Incurred	Incurred	End of Year	Loss Ratio
	Year	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
	2004	1,941,153		15%	3,079	15%
	2005	11,088,025	704,251	6%	8,664	8%
	2006	21,605,207	127,091	1%	16,067	3%
	2007	32,554,109	1,363,064	4%	20,862	4%
Historical	2008	37,074,883		7%	21,433	5%
Experience	2009	36,623,936	1,839,631	5%	20,618	5%
	2010	35,876,465		9%	20,166	6%
	2011	35,545,280	4,246,324	12%	19,805	7%
	2012	35,553,824	' '	14%	19,771	8%
	2013	36,436,493	6,016,975	17%	19,563	9%
	2014	37,234,064	9,259,163	25%	18,840	10%
	2015	36,342,924		26%	18,410	11%
	2016	34,634,079	8,510,609	25%	18,061	12%
	2017	33,253,541	9,549,259	29%	17,459	13%
	2018	33,055,429	10,834,877	33%	17,152	14%
	2019	32,765,017	12,528,546	38%	16,870	16%
	2020	32,219,384		45%	16,579	17%
	2021	31,392,415		53%	16,275	18%
	2022	30,424,680	' '	63%	15,957	20%
	2023	29,301,241	21,797,481	74%	15,620	22%
	2024	28,312,456		87%	15,267	24%
Projected	2025	27,358,698		101%	14,895	26%
Future	2026	26,385,972		117%	14,507	28%
Experience	2027	25,396,334		136%	14,103	30%
(60 Years)	2028	24,358,661	38,529,695	158%	13,681	33%
	2029	23,297,809		183%	13,243	35%
	2030	22,254,910		211%	12,792	38%
	2031	21,185,623		245%	12,327	41%
	2032	20,114,855		285%	11,850	44%
	2033 2034	19,049,653 17,964,632		332% 384%	11,363 10,867	47% 51%
	2034	16,893,719		442%	10,366	54%
	2036	15,832,847		507%	9,860	58%
	2037	14,779,784		579%	9,351	62%
	2038	13,738,171	90,663,825	660%	8,842	66%
	2039	12,733,079		748%	8,336	70%
	2040	11,755,366		844%	7,834	74%
	2041	10,810,791	102,316,274	946%	7,339	78%
	2042	9,900,211	104,632,773	1,057%	6,854	81%
	2043	9,030,566		1,175%	6,380	85%
	2044	8,204,973		1,302%	5,920	89%
	2045	7,425,912		1,439%	5,476	92%
	2046	6,695,310		1,585%	5,049	96%
	2047	6,011,604		1,741%	4,641	99%
	2048	5,378,750	102,589,605	1,907%	4,252	102%
	2049	4,793,184		2,088%	3,885	104%
	2050	4,257,191	96,995,215	2,278%	3,538	107%
	2051	3,765,925		2,482%	3,212	109%
	2052	3,319,857	89,562,582	2,698%	2,907	112%
	2053	2,915,588	' '	2,931%	2,624	114%
	2054	2,551,649		3,184%	2,361	116%
	2055	2,225,909	76,807,613	3,451%	2,117	117%
	2056-2060	7,363,723		4,255%	7,581	124%
	2061-2065	3,355,398	201,252,988	5,998%	4,012	127%
	2066-2070	1,399,195		7,914%	1,948	128%
	2071-2075	542,112	52,000,461	9,592%	862	129%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

#### Attachment 1-b **MedAmerica and Affinity Partners** Earned Premium and Incurred Claim Experience and Projections by Calendar Year Nationwide Experience After Requested Rate Increase

Individual Simplicity Policy Forms

		Ī	Actual or Projected Experience using Current Assumptions				
						E 1 ()/	Cumulative
	Calendar		Earned	Incurred	Incurred	End of Year	Loss Ratio
	Year	-	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
	2004		1,941,153	299,291	15%	3,079	15%
	2005		11,088,025	704,251	6%	8,664	8%
	2006		21,605,207	127,091	1%	16,067	3%
Historiaal	2007		32,554,109	1,363,064	4%	20,862	4%
Historical	2008		37,074,883	2,659,125	7% 5%	21,433	5%
Experience	2009		36,623,936	1,839,631	9%	20,618	5% 6%
	2010 2011		35,876,465 35,545,280	3,136,089 4,246,324	12%	20,166 19,805	7%
	2011		35,553,824	4,959,190	14%	19,771	8%
	2012		36,436,493	6,016,975	17%	19,563	9%
	2013		37,234,064	9,259,163	25%	18,840	10%
	2014		36,342,924	9,398,050	26%	18,410	11%
	2016	-	34,634,079	8,510,609	25%	18,061	12%
	2017		35,670,746	9,450,497	26%	17,152	13%
	2017		50,229,264	10,189,072	20%	16,489	14%
	2019		53,958,465	11,673,877	22%	16,205	14%
	2020		53,159,999	13,509,354	25%	15,912	15%
	2021		53,269,983	15,531,538	29%	15,565	16%
	2022		52,877,700	17,664,382	33%	15,246	17%
	2023		50,767,422	20,038,268	39%	14,926	18%
	2024		49,058,272	22,601,883	46%	14,590	19%
Projected	2025		47,461,610	25,362,656	53%	14,237	21%
Future	2026		45,825,177	28,367,047	62%	13,869	22%
Experience	2027		44,183,335	31,685,892	72%	13,484	24%
(60 Years)	2028		42,455,574	35,272,929	83%	13,083	25%
(66 16416)	2029		40,677,498	39,058,219	96%	12,667	27%
	2030		38,928,404	42,995,913	110%	12,237	29%
	2031		37,134,113	47,425,085	128%	11,794	31%
	2032		35,335,406	52,411,749	148%	11,340	33%
	2033		33,540,346	57,701,722	172%	10,876	35%
	2034		31,698,086	62,982,210	199%	10,405	37%
	2035		29,875,228	68,187,461	228%	9,927	40%
	2036		28,067,211	73,238,756	261%	9,444	42%
	2037		26,260,882	78,069,460	297%	8,959	45%
	2038		24,464,306	82,675,079	338%	8,474	48%
	2039		22,730,094	86,859,458	382%	7,991	50%
	2040		21,033,867	90,459,540	430%	7,511	53%
	2041		19,393,645	93,279,838	481%	7,039	56%
	2042		17,805,554	95,390,527	536%	6,575	58%
	2043		16,282,876	96,736,972	594%	6,123	61%
	2044		14,832,595	97,430,667	657%	5,683	63%
	2045		13,458,822	97,447,769	724%	5,258	66%
	2046		12,165,482	96,808,114	796%	4,849	68%
	2047		10,952,269	95,488,838	872%	4,458	70%
	2048		9,823,970	93,633,607	953%	4,086	72%
	2049		8,776,631	91,370,135	1,041%	3,734	74%
	2050		7,814,098	88,591,986	1,134%	3,401	76%
	2051		6,929,769	85,403,223	1,232%	3,089	77%
	2052		6,123,691	81,865,337	1,337%	2,797	79%
	2053		5,390,992	78,143,914	1,450%	2,524	80%
	2054		4,729,129	74,309,804	1,571%	2,272	82%
	2055		4,134,259	70,268,114	1,700%	2,038	83%
	2056-2060		13,747,364	286,887,926	2,087%	7,300	87%
	2061-2065		6,307,033	184,469,325	2,925%	3,866	89%
	2066-2070		2,636,338	101,505,921	3,850%	1,879	91%
	2071-2075		1,019,782	47,583,932	4,666%	831	91%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

#### Attachment 2-a **MedAmerica and Affinity Partners**

### Written Premium and Paid Claim Experience and Projections by Calendar Year Nationwide Experience Before Requested Rate Increase **Individual Simplicity Policy Forms**

		Actual or Projected Experience using Current Assumptions					
	Colondor	Written	Without Interest	Loss	Cumulative		
	Calendar		Paid		Loss Ratio		
	Year	Premium	Claims	Ratio	w/ Interest <sup>[1]</sup>		
	2004	4,462,916	41,559	1%	1%		
	2005	13,869,268	142,647	1%	1%		
	2006	24,547,962	295,873	1%	1%		
Historical	2007	34,690,538	423,473	1%	1%		
Historical	2008	37,173,762	752,446	2% 4%	1%		
Experience	2009 2010	36,452,425	1,360,620	4% 5%	2% 2%		
	2010	35,790,504	1,701,866 2,862,768	8%	3%		
	2011	35,508,428 35,810,088	3,500,337	10%	3% 4%		
	2012	36,779,814	4,936,222	13%	5%		
	2013	36,883,692	5,816,847	16%	6%		
	2014	35,862,817	7,198,074	20%	7%		
	2016	33,989,681	6,633,016	20%	8%		
	2017	32,940,473	7,724,816	23%	9%		
	2018	32,957,316	8,766,160	27%	10%		
	2019	32,581,419	9,966,957	31%	11%		
	2020	32,005,945	11,395,470	36%	12%		
	2021	31,116,575	13,035,085	42%	13%		
	2022	30,095,513	14,894,021	49%	14%		
	2023	28,988,551	16,993,808	59%	16%		
	2024	28,052,071	19,335,861	69%	17%		
Projected	2025	27,087,276	21,920,955	81%	19%		
Future	2026	26,113,926	24,748,819	95%	21%		
Experience	2027	25,118,166	27,846,554	111%	23%		
(60 Years)	2028	24,067,022	31,230,730	130%	25%		
,	2029	23,009,741	34,895,363	152%	27%		
	2030	21,957,608	38,821,529	177%	29%		
	2031	20,892,151	43,067,204	206%	31%		
	2032	19,820,811	47,715,827	241%	34%		
	2033	18,755,639	52,778,175	281%	37%		
	2034	17,671,906	58,173,506	329%	40%		
	2035	16,603,364	63,801,390	384%	43%		
	2036	15,547,355	69,565,603	447%	46%		
	2037	14,498,931	75,370,868	520%	49%		
	2038	13,466,829	81,136,697	602%	53%		
	2039	12,469,904	86,756,573	696%	56%		
	2040	11,501,060	92,104,386	801%	60%		
	2041	10,567,324	97,030,600	918%	64%		
	2042	9,668,063	101,417,743	1,049%	67%		
	2043	8,810,628	105,171,980	1,194%	71%		
	2044	7,997,642	108,237,428	1,353%	75%		
	2045	7,231,779	110,577,492	1,529%	78%		
	2046	6,514,688	112,167,203	1,722%	82%		
	2047	5,844,457	112,986,256	1,933%	85%		
	2048	5,224,953	113,049,516	2,164%	88%		
	2049	4,652,651	112,405,532	2,416%	92%		
	2050	4,129,285	111,086,201	2,690%	95%		
	2051	3,650,176	109,131,852	2,990%	97%		
	2052	3,215,501	106,593,894	3,315%	100%		
	2053	2,822,275	103,549,574	3,669%	102%		
	2054	2,468,389	100,082,694	4,055%	105%		
	2055	2,151,969	96,248,912	4,473% 5,827%	107%		
	2056-2060	7,107,135	414,161,342	5,827%	115%		
	2061-2065 2066-2070	3,229,446 1,345,387	293,219,247 181,606,780	9,080% 13,498%	120% 122%		
				·			
	2071-2075	521,400	97,458,189	18,692%	124%		

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

#### Attachment 2-b MedAmerica and Affinity Partners

## Written Premium and Paid Claim Experience and Projections by Calendar Year Nationwide Experience After Requested Rate Increase Individual Simplicity Policy Forms

		Actual or Pro	ojected Experienc	e using Current A	
	Colondor	\\/ritton	Without Interest	Loop	Cumulative
	Calendar	Written	Paid	Loss	Loss Ratio
	Year	Premium	Claims	Ratio	w/ Interest <sup>[1]</sup>
	2004	4,462,916	41,559	1%	1%
	2005	13,869,268	142,647	1%	1%
	2006	24,547,962	295,873	1%	1%
	2007	34,690,538	423,473	1%	1%
Historical	2008	37,173,762	752,446	2%	1%
Experience	2009	36,452,425	1,360,620	4%	2%
	2010	35,790,504	1,701,866	5%	2%
	2011	35,508,428	2,862,768	8%	3%
	2012	35,810,088	3,500,337	10%	4%
	2013	36,779,814	4,936,222	13%	5%
	2014	36,883,692	5,816,847	16%	6%
	2015	35,862,817	7,198,074	20%	7% 8%
	2016 2017	33,990,063	6,633,016	20% 20%	9%
		38,854,724	7,704,492	16%	9%
	2018 2019	52,441,387 53,616,034	8,610,244 9,628,065	18%	10%
	2020	53,114,207	10,872,071	20%	11%
	2021	53,342,701	12,318,017	23%	11%
	2022	52,300,926	13,953,422	27%	12%
	2023	50,194,655	15,815,149	32%	13%
	2024	48,626,153	17,911,813	37%	14%
Projected	2025	47,006,749	20,241,224	43%	15%
Future	2026	45,377,960	22,798,140	50%	16%
Experience	2027	43,720,316	25,604,690	59%	18%
(60 Years)	2028	41,963,197	28,674,954	68%	19%
,	2029	40,194,928	32,002,401	80%	20%
	2030	38,433,669	35,569,227	93%	22%
	2031	36,639,921	39,427,800	108%	24%
	2032	34,838,925	43,653,801	125%	25%
	2033	33,041,726	48,256,383	146%	27%
	2034	31,198,991	53,161,949	170%	29%
	2035	29,380,666	58,279,279	198%	31%
	2036	27,574,996	63,520,497	230%	34%
	2037	25,776,775	68,799,081	267%	36%
	2038	23,992,516	74,041,780	309%	38%
	2039	22,271,077	79,152,881	355%	41%
	2040	20,587,589	84,017,495	408%	43%
	2041	18,964,902	88,499,175	467%	46%
	2042	17,395,151	92,491,103	532%	48%
	2043 2044	15,891,795 14,462,334	95,908,168 98,701,157	604% 682%	51% 53%
	2044	13,110,235	100,837,398	769%	56%
	2046	11,839,696	102,294,364	864%	58%
	2047	10,649,406	102,294,304	968%	60%
	2047	9,543,827	103,032,036	1,081%	63%
	2049	8,519,412	102,557,268	1,204%	65%
	2050	7,578,851	101,376,033	1,338%	67%
	2051	6,715,826	99,617,747	1,483%	69%
	2052	5,929,886	97,327,553	1,641%	71%
	2053	5,216,751	94,574,709	1,813%	72%
	2054	4,572,870	91,433,975	1,999%	74%
	2055	3,994,713	87,954,949	2,202%	75%
	2056-2060	13,256,067	378,760,062	2,857%	81%
	2061-2065	6,060,208	268,466,625	4,430%	85%
	2066-2070	2,528,723	166,408,485	6,581%	86%
	2071-2075	977,918	89,280,477	9,130%	87%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

# Attachment 3-a MedAmerica, Highmark BCBS, and Highmark BS Earned Premium and Incurred Claim Experience and Projections by Calendar Year Pennsylvania-Specific Experience Before Requested Rate Increase Individual Simplicity Policy Forms

			Actual or Projected	Experience using (	Current Assumption	ons
					•	Cumulative
	Calendar	Earned	Incurred	Incurred	End of Year	Loss Ratio
	Year	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
	2004		238		79	0%
	2005	340,		0%	234	
	2006	828,			845	0%
	2007	1,454,	· · · · · · · · · · · · · · · · · · ·		1,075	0%
Historical	2008	1,854,	· · · · · · · · · · · · · · · · · · ·		1,428	0%
Experience	2009	2,251,			1,579	
	2010	2,450,			1,574	1%
	2011 2012	2,410, 2,344,			1,519 1,473	1% 1%
	2012	2,344,			1,473	1%
	2013	2,406,			1,303	1%
	2015	2,437,			1,270	3%
	2016	2,423,			1,251	4%
	2017	2,567,			1,192	5%
	2018	2,658,			1,178	
	2019	2,484,			1,163	
	2020	2,291,			1,147	8%
	2021	2,239,			1,130	9%
	2022	2,187,			1,112	10%
	2023	2,132,			1,093	12%
	2024	2,070,		55%	1,074	13%
Projected	2025	2,015,	872 1,299,143	64%	1,053	15%
Future	2026	1,960,	290 1,473,829	75%	1,031	16%
Experience	2027	1,899,	069 1,667,843	88%	1,008	18%
(60 Years)	2028	1,842,	129 1,885,282	102%	983	20%
	2029	1,782,	2,129,417		958	22%
	2030	1,720,			932	24%
	2031	1,658,			904	27%
	2032	1,593,			875	29%
	2033	1,526,			845	32%
	2034	1,458,			814	
	2035	1,386,			782	39%
	2036	1,315,			749	42%
	2037	1,241,			716	
	2038	1,167,			682	50%
	2039 2040	1,095, 1,024,			647 612	54% 58%
	2040	953,			577	62%
	2042	883,	, ,		542	67%
	2043	814,			507	71%
	2044	747,			472	75%
	2045	683,			438	79%
	2046	621,			405	84%
	2047	561,			373	88%
	2048	505,			342	91%
	2049	452,			313	
	2050	403,			285	98%
	2051	357,			258	101%
	2052	315,	656 7,566,143	2,397%	233	104%
	2053	277,			210	107%
	2054	242,			189	109%
	2055	210,	379 6,357,234	3,022%	169	111%
	2056-2060	684,		·	601	119%
	2061-2065	298,			319	123%
	2066-2070	120,			159	124%
	2071-2075	47,	065 3,408,667	7,242%	74	125%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

# Attachment 3-b MedAmerica, Highmark BCBS, and Highmark BS Earned Premium and Incurred Claim Experience and Projections by Calendar Year Pennsylvania-Specific Experience After Requested Rate Increase Individual Simplicity Policy Forms

		Г	Act	ual or Projected E	xperience using C	urrent Assumption	ons
						-	Cumulative
	Calendar		Earned	Incurred	Incurred	End of Year	Loss Ratio
	Year	L	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
	2004		69,238	0	0%	79	0%
	2005		340,144	0	0%	234	0%
	2006		828,500	0	0%	845	0%
111 6 1 1	2007		1,454,562	3,925	0%	1,075	0%
Historical	2008		1,854,354	3,584	0%	1,428	0%
Experience	2009		2,251,083	0	0%	1,579	0%
	2010		2,450,439	54,170	2%	1,574	1%
	2011 2012		2,410,852 2,344,519	16,414 0	1% 0%	1,519 1,473	1% 1%
	2012		2,273,292	17,449	1%	1,358	1%
	2013		2,406,787	175,844	7%	1,303	1%
	2015		2,437,404	347,172	14%	1,270	3%
	2016	-	2,423,824	378,436	16%	1,251	4%
	2017		2,567,815	426,167	17%	1,192	5%
	2018		3,585,893	473,808	13%	1,137	6%
	2019		4,221,037	539,977	13%	1,122	6%
	2020		3,877,362	624,575	16%	1,107	7%
	2021		3,789,197	724,011	19%	1,091	8%
	2022		3,704,239	837,328	23%	1,074	9%
	2023		3,611,666	965,958	27%	1,056	10%
	2024		3,508,410	1,109,381	32%	1,037	11%
Projected	2025		3,417,132	1,260,848	37%	1,016	12%
Future	2026		3,325,209	1,428,991	43%	995	13%
Experience	2027		3,222,701	1,615,524	50%	973	14%
(60 Years)	2028		3,128,855	1,824,512	58%	950	16%
	2029		3,029,644	2,059,009	68%	925	17%
	2030		2,927,891	2,320,101	79%	900	19%
	2031		2,823,587	2,630,024	93%	873	21%
	2032		2,715,643	2,983,523	110%	845	22%
	2033		2,604,376	3,378,754	130%	816	24%
	2034		2,489,935	3,799,663	153%	786	27%
	2035		2,368,295	4,244,615	179%	756	29%
	2036		2,249,654	4,706,124	209%	724	32%
	2037		2,124,571	5,174,442	244%	692	34%
	2038		1,998,491	5,653,959	283%	659	37% 40%
	2039 2040		1,877,300 1,756,216	6,139,410 6,606,731	327% 376%	625 592	43%
	2040		1,635,932	7,017,654	429%	558	46%
	2042		1,517,124	7,382,650	487%	524	49%
	2043		1,400,562	7,688,290	549%	490	52%
	2044		1,286,934	7,938,885	617%	457	55%
	2045		1,176,865	8,107,070	689%	424	58%
	2046		1,071,035	8,197,097	765%	392	61%
	2047		969,965	8,204,954	846%	361	64%
	2048		874,087	8,130,745	930%	331	67%
	2049		783,791	8,014,826	1,023%	303	69%
	2050		699,375	7,824,532	1,119%	275	71%
	2051		620,917	7,566,184	1,219%	250	74%
	2052		548,531	7,236,345	1,319%	226	76%
	2053		482,197	6,875,995	1,426%	203	78%
	2054		421,791	6,485,663	1,538%	183	79%
	2055		367,147	6,074,750	1,655%	163	81%
	2056-2060		1,198,307	23,804,388	1,987%	582	86%
	2061-2065		525,751	14,007,997	2,664%	309	89%
	2066-2070		212,035	7,171,405	3,382%	154	90%
	2071-2075	L	82,794	3,227,902	3,899%	72	90%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

# Attachment 4-a MedAmerica, Highmark BCBS, and Highmark BS Written Premium and Paid Claim Experience and Projections by Calendar Year Pennsylvania-Specific Experience Before Requested Rate Increase Individual Simplicity Policy Forms

		Actual or Pro	ojected Experienc	e using Current A	
			Without Interest		Cumulative
	Calendar	Written	Paid	Loss	Loss Ratio
	Year	Premium	Claims	Ratio	w/ Interest <sup>[1]</sup>
	2004	119,848	0	0%	0%
	2005	416,602	0	0%	0%
	2006	1,011,206	0	0%	0%
	2007	1,547,035	4,198	0%	0%
Historical	2008	1,997,124	0	0%	0%
Experience	2009	2,363,853	3,696	0%	0%
	2010	2,449,552	17,353	1%	0%
	2011	2,401,993	42,900	2%	1%
	2012	2,334,561	13,258	1%	1%
	2013	2,294,347	18,149	1%	1%
	2014	2,440,209	0	0%	0%
	2015	2,431,936	144,160	6%	1%
	2016	2,418,507	199,288	8%	2%
	2017	2,636,052	265,425	10%	2%
	2018	2,626,416	325,247	12%	3%
	2019	2,371,542	389,620	16%	4%
	2020	2,275,240	463,152	20%	5%
	2021	2,223,748	546,278	25%	5%
	2022	2,175,014	639,710	29%	6%
	2023	2,115,901	745,391	35%	7%
	2024	2,056,048	864,739	42%	9%
Projected	2025	2,000,963	997,242	50%	10%
Future	2025	1,942,186	1,143,701	59%	11%
Experience	2026		, ,	69%	13%
•		1,883,028	1,305,556		
(60 Years)	2028 2029	1,825,950	1,484,980	81% 95%	14% 16%
		1,765,451	1,684,749		
	2030	1,703,791	1,907,678	112%	18%
	2031	1,640,514	2,160,314	132%	20%
	2032	1,575,232	2,448,595	155%	22%
	2033	1,508,216	2,775,893	184%	24%
	2034	1,438,968	3,140,888	218%	26%
	2035	1,367,104	3,541,012	259%	29%
	2036	1,296,630	3,972,776	306%	32%
	2037	1,222,664	4,431,320	362%	35%
	2038	1,148,327	4,913,221	428%	38%
	2039	1,076,742	5,414,334	503%	41%
	2040	1,005,432	5,925,620	589%	45%
	2041	934,796	6,431,384	688%	49%
	2042	865,241	6,918,762	800%	53%
	2043	797,197	7,376,997	925%	57%
	2044	731,016	7,797,089	1,067%	61%
	2045	667,097	8,166,388	1,224%	65%
	2046	605,817	8,473,793	1,399%	69%
	2047	547,452	8,711,035	1,591%	73%
	2048	492,218	8,872,679	1,803%	77%
	2049	440,341	8,961,595	2,035%	81%
	2050	391,962	8,976,839	2,290%	84%
	2051	347,149	8,916,752	2,569%	88%
	2052	305,937	8,780,306	2,870%	91%
	2053	268,275	8,575,247	3,196%	94%
	2054	234,075	8,310,013	3,550%	97%
	2055	203,235	7,992,735	3,933%	100%
	2056-2060	659,108	33,898,993	5,143%	110%
	2061-2065	286.324	ZZ./Un./nni	7.9.3U%	1107
	2061-2065 2066-2070	286,324 114,846	22,706,766 13,125,145	7,930% 11,429%	116% 119%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

# Attachment 4-b MedAmerica, Highmark BCBS, and Highmark BS Written Premium and Paid Claim Experience and Projections by Calendar Year Pennsylvania-Specific Experience After Requested Rate Increase Individual Simplicity Policy Forms

		Actual or Pr	ojected Experienc	e using Current A	
	Calaradar	\\/ n:44 =	Without Interest	Lana	Cumulative
	Calendar	Written	Paid	Loss	Loss Ratio
	Year	Premium	Claims	Ratio	w/ Interest <sup>[1]</sup>
	2004	119,848	0	0%	0%
	2005	416,602	0	0%	0%
	2006	1,011,206	0	0%	0%
Historical	2007 2008	1,547,035 1,997,124	4,198 0	0% 0%	0% 0%
Experience	2008	2,363,853	3,696	0%	0%
Expendice	2009	2,449,552	17,353	1%	0%
	2011	2,401,993	42,900	2%	1%
	2012	2,334,561	13,258	1%	1%
	2013	2,294,347	18,149	1%	1%
	2014	2,440,209	0	0%	0%
	2015	2,431,936	144,160	6%	1%
	2016	2,418,531	199,288	8%	2%
	2017	2,648,840	265,425	10%	2%
	2018	4,046,527	324,127	8%	3%
	2019	4,017,175	385,845	10%	3%
	2020	3,849,474	456,215	12%	4%
	2021	3,763,661	536,034	14%	5%
	2022	3,683,361	625,938	17%	6%
	2023	3,584,326	727,753	20%	6%
	2024	3,484,090	842,798	24%	7%
Projected	2025	3,392,869	970,535	29%	8%
Future	2026	3,294,901	1,111,687	34%	9%
Experience	2027	3,196,393	1,267,582	40%	10%
(60 Years)	2028	3,102,343	1,440,284	46%	11%
	2029	3,002,003	1,632,443	54%	12%
	2030	2,899,706	1,846,749	64%	14%
	2031	2,794,561	2,089,513	75%	15%
	2032	2,685,796	2,366,383	88%	16%
	2033	2,573,858	2,680,535	104%	18%
	2034	2,457,716	3,030,668	123%	20%
	2035 2036	2,336,505	3,414,302	146% 173%	22% 24%
	2036	2,217,986 2,092,740	3,828,076 4,267,288	204%	26%
	2037	1,966,647	4,728,615	240%	28%
	2039	1,845,584	5,208,071	282%	31%
	2040	1,724,803	5,696,958	330%	33%
	2041	1,605,003	6,180,258	385%	36%
	2042	1,486,885	6,645,678	447%	39%
	2043	1,371,192	7,082,963	517%	42%
	2044	1,258,546	7,483,566	595%	45%
	2045	1,149,643	7,835,343	682%	47%
	2046	1,045,132	8,127,631	778%	50%
	2047	945,494	8,352,528	883%	53%
	2048	851,107	8,504,855	999%	56%
	2049	762,358	8,587,350	1,126%	59%
	2050	679,490	8,599,195	1,266%	61%
	2051	602,625	8,538,905	1,417%	64%
	2052	531,828	8,405,650	1,581%	66%
	2053	467,024	8,206,934	1,757%	69%
	2054	408,070	7,950,804	1,948%	71%
	2055	354,806	7,645,003	2,155%	73%
	2056-2060	1,154,606	32,396,635	2,806%	80%
	2061-2065	503,862	21,666,372	4,300%	84%
	2066-2070	202,413	12,496,938	6,174%	86%
	2071-2075	78,943	6,310,454	7,994%	87%

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

## Attachment 5 MedAmerica and Affinity Partners Breakdown of Historical Incurred Claims and Reserve Balances at December 31, 2015 Individual Simplicity Policy Forms

**Nationwide Experience** 

	Traditional Experience							
			Discount	ed to the Year o	f Incurral		Year-End	
Incurred		Incurred	Paid	Disabled	IBNR	Total Claim	Active Life	
Year		Claims <sup>[1]</sup>	Claims	Life Reserve	Reserve	Reserve <sup>[2]</sup>	Reserve <sup>[3]</sup>	
2004		299,291	299,291	0		0		
2005		704,251	704,251	0		0		
2006		127,091	127,091	0		0		
2007		1,363,064	1,081,160	281,905		281,905		
2008		2,659,125	2,642,291	16,834		16,834		
2009		1,839,631	1,613,673	225,958		225,958		
2010		3,136,089	3,102,795	33,293		33,293		
2011		4,246,324	3,920,698	325,626		325,626		
2012		4,959,190	4,071,954	887,236		887,236		
2013		6,016,975	4,021,807	1,995,169		1,995,169		
2014		9,259,163	3,966,605	5,292,558		5,292,558		
2015		9,398,050	1,522,461	6,253,970	1,621,618	7,875,589	332,507,199	

Pennsylvania-Specific Experience

Pennsylvania-Specific Experience								
		Discount	ed to the Year o	f Incurral		Year-End		
Incurred	Incurred	Paid	Disabled	IBNR	Total Claim	Active Life		
Year	Claims <sup>[1]</sup>	Claims	Life Reserve	Reserve	Reserve <sup>[2]</sup>	Reserve <sup>[3]</sup>		
2004	(	0	0		0			
2005		0	0		0			
2006		0	0		0			
2007	3,92	3,925	0		0			
2008	3,584	3,584	0		0			
2009	(	0	0		0			
2010	54,170	54,170	0		0			
2011	16,414	16,414	0		0			
2012	(	0	0		0			
2013	17,449	17,449	0		0			
2014	175,84	76,248	99,596		99,596			
2015	347,172	64,183	203,719	79,270	282,989	20,117,391		

<sup>[1]</sup> Incurred claims are the sum of paid claims, disabled life reserve, and incurred but not reported (IBNR) reserve.

<sup>[2]</sup> Claim reserve is the sum of disabled life reserve and IBNR reserve.

<sup>[3]</sup> Active life reserve is defined as interpolated terminal reserves plus unearned premium reserves.

## Attachment 6-a MedAmerica and Affinity Partners Nationwide Experience by Policy Year - Before Requested Rate Increase Individual Simplicity Policy Forms

	Actu	al and Projected	Experience using	<b>Current Assumpt</b>	
					Cumulative
Policy	Earned	Incurred	Incurred	End of Year	Loss Ratio
Year	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
1	45,079,949	1,626,323	4%	25,215	49
2	42,739,301	1,013,221	2%	23,616	39
3	40,981,827	2,899,085	7%	22,504	4
4	39,579,139	2,858,011	7%	21,631	5
5	38,401,974	3,309,316	9%	20,866	6
6	37,486,694	4,453,129	12%	20,195	6
7	36,946,364	6,061,124	16%	19,454	89
8	37,150,560	6,302,474	17%	18,859	9'
9	37,735,643	8,384,299	22%	18,396	109
10	38,751,279	9,561,142	25%	18,011	11'
11	30,423,159	9,773,035	32%	17,622	129
12	31,283,756	10,639,652	34%	17,281	139
13	31,671,206	11,519,098	36%	16,966	149
14	31,632,155	13,418,790	42%	16,675	169
15	31,190,674	15,667,631	50%	16,381	179
16	30,423,004	18,082,404	59%	16,069	199
17	29,532,506	20,701,016	70%	15,737	20
18	28,602,560	23,576,744	82%	15,386	229
19	27,661,407	26,538,898	96%	15,017	24
20	26,694,999		111%	14,631	27°
21	· · · · ·	29,742,162 33,265,828	130%	14,031	29
	25,683,287 24,645,845	, ,	151%		
22	, ,	37,140,553		13,807	319
23	23,602,076	41,378,555	175%	13,368	34
24	22,500,974	45,844,089	204%	12,913	37
25	21,419,730	50,529,336	236%	12,442	40
26	20,334,534	55,683,967	274%	11,961	43'
27	19,235,775	61,506,337	320%	11,469	469
28	18,141,566	67,421,440	372%	10,969	509
29	17,058,298	73,361,057	430%	10,463	539
30	15,987,441	79,107,980	495%	9,951	579
31	14,924,784	84,619,513	567%	9,438	619
32	13,874,354	89,994,333	649%	8,923	659
33	12,856,837	94,782,921	737%	8,411	69
34	11,863,229	99,052,699	835%	7,902	73
35	10,902,443	102,483,455	940%	7,401	779
36	9,981,651	105,153,331	1,053%	6,909	819
37	9,098,637	106,889,011	1,175%	6,429	85
38	8,259,518	107,754,815	1,305%	5,963	88
39	7,468,358	107,930,946	1,445%	5,512	92
40	6,725,592	107,370,466	1,596%	5,079	96
41	6,035,361	106,027,728	1,757%	4,666	99
42	5,393,141	104,064,359	1,930%	4,272	102
43	4,801,878	101,535,535	2,114%	3,900	105
44	4,258,323	98,481,091	2,313%	3,549	108
45	3,763,426	94,939,976	2,523%	3,219	110
46	3,313,662	91,002,675	2,746%	2,912	112
47	2,906,752	86,791,894	2,986%	2,625	115
48	2,541,743	82,479,122	3,245%	2,360	117
49	2,214,896		3,521%	2,115	118
50	1,923,424	73,365,601	3,814%	1,890	120
51-55	6,287,196	294,617,360	4,686%	6,691	126
56-60	2,806,217	184,928,776	6,590%	3,461	129
61-65	1,148,655	99,523,575	8,664%	1,629	130
66-70	433,152	45,264,888	10,450%	687	131
	400.102	1 70.204.000	10,40070	007	131

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

## Attachment 6-b MedAmerica and Affinity Partners Nationwide Experience by Policy Year - After Requested Rate Increase Individual Simplicity Policy Forms

	Actua	i and Projected	Experience using	Current Assumpti	
D !!				F 1 ()/	Cumulative
Policy	Earned	Incurred	Incurred	End of Year	Loss Ratio
Year	Premium	Claims	Loss Ratio	Lives	w/ Interest <sup>[1]</sup>
1	45,079,949	1,626,323	4%	25,215	4
2	42,739,301	1,013,221	2%	23,616	3
3	40,981,827	2,899,085	7%	22,504	4
4	39,618,666	2,857,867	7%	21,629	Ę
5	38,880,205	3,306,371	9%	20,843	(
6	39,463,330	4,438,442	11%	20,137	6
7	39,700,830	6,032,602	15%	19,381	7
8	40,339,399	6,261,110	16%	18,776	3
9	41,496,831	8,328,766	20%	18,300	ę
10	43,564,722	9,474,707	22%	17,867	10
11	36,501,209	9,604,282	26%	17,371	12
12	41,844,958	10,305,015	25%	16,865	12
13	46,826,099	10,943,675	23%	16,399	13
14	50,595,996	12,523,700	25%	16,018	14
15	51,570,506	14,530,447	28%	15,705	15
16	51,248,182	16,707,232	33%	15,383	16
17	50,432,187	19,061,231	38%	15,048	17
18	49,286,702	21,653,542	44%	14,707	18
19	47,817,113	24,342,306	51%	14,355	19
20	46,222,131	27,255,996	59%	13,988	2
21	44,514,295	30,459,627	68%	13,605	22
22	42,773,657	33,982,083	79%	13,204	24
23	41,027,872	37,834,304	92%	12,788	26
24	39,185,569	41,892,827	107%	12,355	27
25	37,368,319	46,149,737	123%	11,907	29
26	35,538,102	50,837,048	143%	11,449	32
27	33,676,902	56,132,353	167%	10,981	34
28	31,810,663	61,510,359	193%	10,505	36
29	29,973,775	66,906,904	223%	10,022	39
30	28,149,269	72,133,602	256%	9,535	4′
31	26,330,661	77,145,514	293%	9,045	44
32	24,525,293	82,034,852	334%	8,554	46
33	22,772,603	86,392,223	379%	8,065	49
34	21,054,203	90,277,551	429%	7,580	52
35	19,390,838	93,405,708	482%	7,101	55
36	17,791,749	95,837,206	539%	6,632	57
37	16,252,440	97,425,223	599%	6,172	60
38	14,787,105	98,221,046	664%	5,726	62
39	13,398,530	98,389,788	734%	5,295	65
40	12,092,942	97,902,030	810%	4,881	67
41	10,874,384	96,700,201	889%	4,485	69
42	9,737,144	94,939,406	975%	4,465	72
42	8,686,707	92,663,623	1,067%		74
		92,663,623 89,911,408	1,067%	3,751	
44	7,719,169	, ,	,	3,414	7! 7-
45 46	6,835,226	86,715,330	1,269%	3,098	77
46	6,029,779	83,157,725	1,379%	2,803	79
47	5,299,194	79,352,167	1,497%	2,528	80
48	4,641,484	75,448,200	1,626%	2,273	82
49	4,050,824	71,370,813	1,762%	2,038	83
50	3,522,749	67,173,791	1,907%	1,821	84
51-55	11,551,313	270,104,779	2,338%	6,450	88
56-60	5,173,163	169,817,120	3,283%	3,338	90
61-65	2,115,781	91,408,095	4,320%	1,572	91
66-70	794,592	41,530,617	5,227%	663	91

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

## Attachment 7-a MedAmerica, Highmark BCBS, and Highmark BS Pennsylvania-Specific Experience by Policy Year - Before Requested Rate Increase Individual Simplicity Policy Forms

	Actu	al and Projected E	xperience using	Current Assumpti	
					Cumulative
Policy	Earned	Incurred	Incurred	End of Year	Loss Ratio
Year	Premium	Claims	Loss Ratio	Lives	w/ Interest[1]
1	2,699,589	0	0%	1,715	(
2	2,586,142	3,584	0%	1,634	(
3	2,488,653	3,925	0%	1,597	(
4	2,447,314	10,183	0%	1,557	(
5	2,434,636	55,347	2%	1,503	•
6	2,408,953	4,624	0%	1,421	(
7	2,415,625	140,196	6%	1,333	
8	2,491,285	82,131	3%	1,281	
9	2,609,734	228,352	9%	1,248	2
10	2,769,626	341,102	12%	1,222	
11	2,257,718	520,367	23%	1,198	2
12	2,313,757	463,779	20%	1,177	
13	2,300,455	546,466	24%	1,159	Č
14	2,277,489	643,910	28%	1,142	-
				·	
15 16	2,240,265	761,667	34% 41%	1,125	10
16	2,170,401	890,990	41%	1,107	10 12
17	2,118,875	1,035,738		1,088	
18	2,064,605	1,196,838	58%	1,067	13
19	2,004,889	1,364,040	68%	1,046	15
20	1,948,083	1,547,109	79%	1,023	10
21	1,885,356	1,751,051	93%	1,000	18
22	1,827,107	1,983,750	109%	975	20
23	1,764,800	2,250,055	127%	949	22
24	1,701,846	2,550,468	150%	921	2
25	1,636,596	2,890,473	177%	893	27
26	1,567,113	3,280,267	209%	863	30
27	1,498,476	3,724,386	249%	832	33
28	1,428,568	4,184,756	293%	800	36
29	1,356,711	4,663,656	344%	768	40
30	1,284,831	5,153,984	401%	735	44
31	1,212,365	5,641,853	465%	700	48
32	1,134,039	6,138,315	541%	666	52
33	1,061,435	6,615,574	623%	631	56
34	989,303	7,075,198	715%	595	60
35	918,036	7,495,511	816%	560	64
36	848,055	7,848,494	925%	525	69
37	779,782	8,122,098	1,042%	490	7:
38	713,622	8,315,665	1,165%	456	7
39	649,952	8,451,829	1,300%	423	82
40	589,069	8,533,817	1,449%	390	86
41	531,209	8,530,036	1,606%	359	90
42	476,621	8,430,427	1,769%	328	9:
43	425,517	8,262,788	1,942%	300	97
43				273	100
	377,990	8,017,904	2,121%		
45 46	334,067	7,724,985	2,312%	247	103
46	293,762	7,376,480	2,511%	223	100
47	257,000	6,993,158	2,721%	201	109
48	223,740	6,595,009	2,948%	180	11.
49	193,831	6,166,034	3,181%	161	113
50	167,097	5,728,587	3,428%	144	118
51-55	532,310	22,014,054	4,136%	506	12
56-60	224,392	12,632,947	5,630%	262	124
61-65	87,715	6,207,635	7,077%	126	125
66-70	33,109	2,658,511	8,030%	55	126
00 70	76,053,518	2,000,011	307%	55	

Total 76,053,518 233,850,099 307% 43,180 [1] With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.

## Attachment 7-b MedAmerica, Highmark BCBS, and Highmark BS Pennsylvania-Specific Experience by Policy Year - After Requested Rate Increase Individual Simplicity Policy Forms

Year         Premium         Claims         Los           1         2,699,589         0         0           2         2,586,142         3,584           3         2,488,653         3,925           4         2,447,314         10,183           5         2,434,636         55,347           6         2,408,953         4,624           7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,699,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292		J	Cumulathi
Year         Premium         Claims         Los           1         2,699,589         0           2         2,586,142         3,584           3         2,488,653         3,925           4         2,447,314         10,183           5         2,434,636         55,347           6         2,408,953         4,624           7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,699,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22		□ ( ) /	Cumulative
1         2,699,589         0           2         2,586,142         3,584           3         2,488,653         3,925           4         2,447,314         10,183           5         2,434,636         55,347           6         2,408,953         4,624           7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813 <th>ncurred</th> <th>End of Year</th> <th>Loss Ratio</th>	ncurred	End of Year	Loss Ratio
2	ss Ratio	Lives	w/ Interest <sup>[1]</sup>
3	0%	1,715	(
4       2,447,314       10,183         5       2,434,636       55,347         6       2,408,953       4,624         7       2,415,625       140,196         8       2,498,615       82,129         9       2,750,507       228,275         10       3,245,348       340,256         11       2,887,494       517,199         12       3,265,793       457,719         13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,33	0%	1,634	(
5         2,434,636         55,347           6         2,408,953         4,624           7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27	0%	1,597	(
6         2,408,953         4,624           7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27         2,554,789         3,590,332           28 <td>0%</td> <td>1,557</td> <td>(</td>	0%	1,557	(
7         2,415,625         140,196           8         2,498,615         82,129           9         2,750,507         228,275           10         3,245,348         340,256           11         2,887,494         517,199           12         3,265,793         457,719           13         3,620,197         536,332           14         3,744,989         629,385           15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27         2,554,789         3,590,332           28         2,437,926         4,031,372           2	2%	1,503	•
8       2,498,615       82,129         9       2,750,507       228,275         10       3,245,348       340,256         11       2,887,494       517,199         12       3,265,793       457,719         13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633	0%	1,421	(
9	6%	1,333	•
10       3,245,348       340,256         11       2,887,494       517,199         12       3,265,793       457,719         13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       3,666,604       4,958,820         31       1,575,791       7,192,778         36       1,457,010<	3%	1,281	•
11       2,887,494       517,199         12       3,265,793       457,719         13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,58	8%	1,245	2
12       3,265,793       457,719         13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,	10%	1,211	3
13       3,620,197       536,332         14       3,744,989       629,385         15       3,766,100       742,492         16       3,669,789       867,322         17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,978,13       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457	18%	1,178	4
14         3,744,989         629,385           15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27         2,554,789         3,590,332           28         2,437,926         4,031,372           29         2,317,327         4,489,850           30         2,196,604         4,958,820           31         2,074,633         5,424,986           32         1,941,337         5,899,102           33         1,818,664         6,354,382           34         1,696,587         6,792,475           35         1,575,791         7,192,778	14%	1,146	Į.
15         3,766,100         742,492           16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27         2,554,789         3,590,332           28         2,437,926         4,031,372           29         2,317,327         4,489,850           30         2,196,604         4,958,820           31         2,074,633         5,424,986           32         1,941,337         5,899,102           33         1,818,664         6,354,382           34         1,696,587         6,792,475           35         1,575,791         7,192,778           36         1,457,010         7,528,255	15%	1,122	(
16         3,669,789         867,322           17         3,585,013         1,007,220           18         3,495,389         1,162,755           19         3,395,807         1,323,920           20         3,301,938         1,500,169           21         3,196,912         1,696,292           22         3,101,090         1,919,957           23         2,997,813         2,175,720           24         2,893,680         2,464,080           25         2,785,448         2,790,329           26         2,669,240         3,164,330           27         2,554,789         3,590,332           28         2,437,926         4,031,372           29         2,317,327         4,489,850           30         2,196,604         4,958,820           31         2,074,633         5,424,986           32         1,941,337         5,899,102           33         1,818,664         6,354,382           34         1,696,587         6,792,475           35         1,575,791         7,192,778           36         1,457,010         7,528,255           37         1,340,984         7,787,314	17%	1,103	7
17       3,585,013       1,007,220         18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,119,981       8,096,902         40       1,016,182       8,172,352         41	20%	1,086	7
18       3,495,389       1,162,755         19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41	24%	1,069	8
19       3,395,807       1,323,920         20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42 <t< td=""><td>28%</td><td>1,050</td><td>(</td></t<>	28%	1,050	(
20       3,301,938       1,500,169         21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43	33%	1,031	11
21       3,196,912       1,696,292         22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       65	39%	1,010	12
22       3,101,090       1,919,957         23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,	45%	988	13
23       2,997,813       2,175,720         24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,75	53%	965	14
24       2,893,680       2,464,080         25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492<	62%	941	16
25       2,785,448       2,790,329         26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140 <td>73%</td> <td>916</td> <td>17</td>	73%	916	17
26       2,669,240       3,164,330         27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460	85%	890	19
27       2,554,789       3,590,332         28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172	100%	862	2
28       2,437,926       4,031,372         29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699	119%	834	23
29       2,317,327       4,489,850         30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	141%	804	2
30       2,196,604       4,958,820         31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	165%	773	27
31       2,074,633       5,424,986         32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	194%	742	30
32       1,941,337       5,899,102         33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	226%	710	32
33       1,818,664       6,354,382         34       1,696,587       6,792,475         35       1,575,791       7,192,778         36       1,457,010       7,528,255         37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	261%	677	35
34     1,696,587     6,792,475       35     1,575,791     7,192,778       36     1,457,010     7,528,255       37     1,340,984     7,787,314       38     1,228,424     7,969,538       39     1,119,981     8,096,902       40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	304%	644	38
35     1,575,791     7,192,778       36     1,457,010     7,528,255       37     1,340,984     7,787,314       38     1,228,424     7,969,538       39     1,119,981     8,096,902       40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	349%	610	4
36     1,457,010     7,528,255       37     1,340,984     7,787,314       38     1,228,424     7,969,538       39     1,119,981     8,096,902       40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	400%	576	44
37       1,340,984       7,787,314         38       1,228,424       7,969,538         39       1,119,981       8,096,902         40       1,016,182       8,172,352         41       917,435       8,165,875         42       824,166       8,067,787         43       736,745       7,904,643         44       655,340       7,667,949         45       580,002       7,385,465         46       510,759       7,050,645         47       447,492       6,682,789         48       390,140       6,301,473         49       338,460       5,890,549         50       292,172       5,471,677         51-55       933,699       21,016,599	456%	542	4
38     1,228,424     7,969,538       39     1,119,981     8,096,902       40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	517%	508	50
39     1,119,981     8,096,902       40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	581%	474	53
40     1,016,182     8,172,352       41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	649%	441	57
41     917,435     8,165,875       42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	723%	409	59
42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	804%	377	62
42     824,166     8,067,787       43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	890%	347	65
43     736,745     7,904,643       44     655,340     7,667,949       45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	979%	318	68
45     580,002     7,385,465       46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	1,073%	290	70
46     510,759     7,050,645       47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	1,170%	264	73
47     447,492     6,682,789       48     390,140     6,301,473       49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	1,273%	239	75
48 390,140 6,301,473 49 338,460 5,890,549 50 292,172 5,471,677 51-55 933,699 21,016,599	1,380%	216	77
49     338,460     5,890,549       50     292,172     5,471,677       51-55     933,699     21,016,599	1,493%	194	79
50     292,172     5,471,677       51-55     933,699     21,016,599	1,615%	174	80
51-55 933,699 21,016,599	1,740%	156	82
51-55 933,699 21,016,599	1,873%	139	83
	2,251%	490	88
56-60 395,197 12,041,600	3,047%	254	90
61-65 154,625 5,901,557	3,817%	122	9
66-70 58,241 2,519,652	4,326%	53	9

<sup>[1]</sup> With interest values are accumulated or discounted at the maximum valuation interest rate for contract reserves applicable for the year of issue.



#### Letter of Authorization

To: Department of Insurance

MedAmerica Insurance Company ("MedAmerica") has entered into a service agreement with Milliman, Inc. ("Milliman") effective November 1, 2007, that includes long-term care rate filing services on our behalf. The agreement provides, in part, that Milliman is responsible for preparing and filing for approval with state insurance departments MedAmerica's long-term care rate increase filings. Milliman is also authorized to receive, on MedAmerica's behalf, written and oral communication from each state department of insurance for the purpose of completing the rate increase filing process.

Please accept this letter of authorization for the purpose stated above. Should you have any questions regarding the above, please forward your comments to:

MedAmerica Insurance Company 165 Court Street Rochester, NY 14647

HM Life Insurance Company

HM Life Insurance Company of New York

HM Casualty Insurance Company Title

Highmark Casualty Insurance Company

**RBS Re** 

HM Benefits
Administrators

412.544.1000 800.328.5433

www.hmig.com

Mailing Address PO Box 535061 Pittsburgh, PA 15253-5061

Overnight Deliveries Fifth Avenue Place 120 Fifth Avenue Pittsburgh, PA 15222-3099 the SUP gentions 4/7/2016

Coverage is underwritten by HM Life Insurance Company, HM Casualty Insurance Company or Highmark Casualty Insurance Company, Pittsburgh, PA, in all states except New York. In New York, coverage is underwritten by HM Life Insurance Company of New York, New York, New York, NY. HM Life Insurance Company, HM Benefits Administrators and RBS Re provide certain administrative and customer support services. The coverage or service requested may not be available in all states.

Address: 120 Fifth Avenue, Pittsburgh, Pennsylvania 15222

#### **Simplicity Tailored Benefit Reductions**

#### March 9, 2017

Product Number

Tax-Qualified Long-Term Care Policy Form SPL-336-HMBSPA
Tax-Qualified Franchise Long-Term Care Policy Form FSPL-336-HMBSPA

This letter provides additional rate increase mitigation options for the Department to consider in the form of tailored benefit reductions. Where available, these tailored benefit reductions will be offered in addition to the standard rate increase mitigation options that are described in the cover letter for this filing.

Attachment A to this letter provides tailored benefit reduction options to offset the requested rate increase in Pennsylvania. The tailored options will completely offset the rate increase based on combinations of reductions to the inflation protection (IP) percentage and benefit period (BP). The reduced inflation percentage of 2.5% was chosen such that the benefits are actuarially equivalent, while also being simple to communicate to policyholders.

The tailored options in aggregate were developed such that the future loss ratio after the requested rate increase, assuming 100% elect to pay the increased premium, is equivalent to the future loss ratio assuming 100% elect the tailored benefit options.

The tailored options were developed based on the nationwide experience of all Simplicity lifetime-pay policies issued by MedAmerica and its affinity partners through December 31, 2015. The projection assumptions underlying this analysis are the same as those described in Section 5 of the enclosed actuarial memorandum. For the purposes of this analysis, nationwide experience was restated to the current Pennsylvania rate increase level (i.e., assumes the average 67% increase approved on the Simplicity forms in Pennsylvania was implemented on a nationwide basis). Using this experience, the resulting future loss ratio assuming 100% of policies elect a tailored benefit option is actuarially equivalent (<1% difference) to the future loss ratio assuming 100% of policies receive the requested rate increase.

Table 1 provides a breakdown of policies eligible for a tailored benefit reduction by benefit period, based on the distribution of business in force in Pennsylvania as of December 31, 2015.

Table 1 Number of Policies Eligible for Tailored Benefit Reduction Options

BP Prior to Tailored Option	Number of Policyholders <sup>[1]</sup>
2-Year	136
3-Year	217
4-Year	271
5-Year	157
7-Year	23
Lifetime	16

[1] Policyholders with either (1) a limited-premium payment option, (2) no inflation protection, or (3) compound with 2x max inflation protection are not eligible for a tailored benefit reduction.

The number of policyholders in Table 1 represent approximately 75% of the in-force Pennsylvania business with lifetime-pay on the Simplicity forms.

#### Attachment A

#### MedAmerica, Highmark BCBS, and Highmark BS

#### Simplicity Lifetime-Pay Policies

#### **Tailored Benefit Reduction Options**

#### For Rate Increase Filed in Pennsylvania

Current Benefits		Tailored Option to Offset the Rate Increase	
Inflation Option	Benefit Period	Benefit Period	Inflation Option
5% Compound for Life or 5% Simple for Life	Lifetime	7 Years	2.5% for Life
	7 Years	4 Years	2.5% for Life
	5 Years or 4 Years	3 Years	2.5% for Life
	3 Years or 2 Years	2 Years	2.5% for Life
5% Compound with 2X Maximum or No Inflation Protection	All Benefit Periods	No tailored benefit reduction option is available	

For policies with Shared Care Rider in force, both policies must maintain identical coverage options.

For policies other than lifetime-pay or those without a tailored benefit reduction option above, please call

Customer Service to discuss your options.

#### **MedAmerica Claim Administration and Processing Documentation**

As the majority of policies to which this rate increase is applicable are eligible for a contingent benefit upon lapse, the following provides a demonstration that MedAmerica Insurance Company (MedAmerica) has consistently applied appropriate policy administration and claim processing procedures. These procedures are in place to assure that policyholders' long-term care claims are paid according to the provisions of our contracts.

Personal Care Advisors (PCAs) in our Claims Intake area determine whether a claimant qualifies for initial benefit eligibility, and create a plan of care for each eligible claimant. Our Rehabilitation/Case Management team then assigns a PCA to handle all aspects of the insured's contact with the Company, including care planning, ongoing care management, and supervision of claim payment.

While the PCAs are knowledgeable about all of the long term care products administered by the Company, each one specializes in a handful of products to increase claim payment accuracy. For chronically stable patients for whom rehabilitation is unlikely and site of care changes occur infrequently, specialized PCAs are assigned whose primary task is timely adjudication of claims and annual reassessment of benefit eligibility.

All claimants are reassessed at least once per year; claimants in Assisted Living or Home Care status are reassessed more frequently. All claims are reviewed prior to payment. Monthly claims audit procedures are in place. Anti-fraud activities are carried out by the staff of the Special Investigations Unit within our parent company.

MedAmerica management believes that these claims management practices are designed to pay claims correctly and help eliminate the potential for further deterioration of the policy form requiring further premium rate schedule increases.